



REXtac AUTOMOTIVE & TRANSPORTATION ADHESIVES
Pure Performance with REXtac APAO

REXtac AUTOMOTIVE ADHESIVES

REXtac Automotive Adhesives are a great solution for the automotive industry's high demand for bond longevity and high heat resistance up to 120°C.

REXtac APAO will improve your margin by stretching adhesive mileage and increasing productivity.

- REXtac APAO can be used NEAT
- More mileage - use up to 30% less adhesive
- Flexible open time
- Excellent thermal stability
- Improved productivity

Key Areas of Automotive Application

- Batteries
- Bonding foam to foam
- Load Floors
- Filters
- Headliner component
- Head lamp bonding
- HVAC
- Sound deadening
- Bi-laminate fabric on door and instrument panels

BENEFITS TO USING REXtac APAO FOR AUTOMOTIVE APPLICATIONS

Compared to hot melt systems:

- Excellent cohesion
- Great thermal stability
- Low VOCs
- No odor
- Flexible open time

REXtac polymers provide reliability as result of their inherent moisture resistance, functionality over a wide range of temperatures, and flexibility to satisfy both interior and exterior automotive adhesive challenges.

REXtac 2115

CHARACTERISTICS

- Appearance - White
- Viscosity - 1500 cps at 375°F
- Softening Point - 305°F
- Density - .85 - .88 grams/cc

APPLICATION

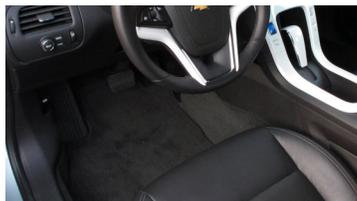
- Filter
- Headliner Component
- HVAC

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- Good initial tack
- Minimal residual tack
- Excellent cohesion
- Short open time (<5 seconds)
- Excellent thermal stability at 375°F after at least 48 hours
- High tensile strength
- Application temperature 325° to 375°F



REXtac 2180

CHARACTERISTICS

- Appearance - White
- Viscosity - 8000 cps at 375°F
- Softening Point - 318°F
- Density - .85 - .88 grams/cc

APPLICATION

- Headliner Component
- Sound Deadening

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- Good initial tack
- Minimal residual tack
- Excellent cohesion
- Short open time (<5 seconds)
- High tensile strength
- Application temperature 325° to 375°F

REXtac 2215

CHARACTERISTICS

- Appearance - White
- Viscosity - 1500 cps at 375°F
- Softening Point - 290°F
- Density - .85 - .88 grams/cc

APPLICATION

- Filter
- Sound Deadening
- HVAC

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- Good initial tack
- Minimal residual tack
- Excellent cohesion
- Short open time (<5 seconds)
- Excellent thermal stability at 375°F after at least 48 hours
- Medium tensile strength
- Application temperature 325° to 375°F

REXtac 2280

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 8000 cps at 375°FSoftening Point - 295°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">Headliner Component	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">Good initial tackMinimal residual tackExcellent cohesionShort open time (<5 seconds)Excellent thermal stability at 375°F after at least 48 hoursMedium tensile strengthApplication temperature 325° to 375°F

REXtac 2304

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 400 cps at 375°FSoftening Point - 285°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">Head Lamp Bonding	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">High initial tackGood cohesionShort open time (20 seconds)Excellent thermal stability at 375°F after at least 48 hoursLow tensile strengthApplication temperature 325° to 375°F

REXtac 2315

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 1500 cps at 375°FSoftening Point - 285°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">BatteriesHead Lamp Bonding	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">High initial tackGood cohesionShort open time (20 seconds)Excellent thermal stability at 375°F after at least 48 hoursLow tensile strengthApplication temperature 325° to 375°F



REXtac 2535

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 3500 cps at 375°FSoftening Point - 270°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">Batteries	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">High initial tackGood cohesionMedium open time (60 seconds)Excellent thermal stability at 375°F after at least 48 hoursLow tensile strengthApplication temperature 325° to 375°

REXtac 2730

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 3000 cps at 375°FSoftening Point - 230°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">Load FloorSound DeadeningBonding Foam to Foam	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">High initial tackGood cohesionLong open time (300 seconds)Excellent thermal stability at 375°F after at least 48 hoursLow tensile strengthApplication temperature 280° to 375°

REXtac 2780

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none">Appearance - WhiteViscosity - 8000 cps at 375°FSoftening Point - 230°FDensity - .85 - .88 grams/cc	<ul style="list-style-type: none">Load FloorBonding Foam to Foam	<ul style="list-style-type: none">35 - 50 lb box350 lb Fiber Drum	<ul style="list-style-type: none">High initial tackGood cohesionLong open time (120 seconds)Excellent thermal stability at 375°F after at least 48 hoursApplication temperature 280° to 375°F

REXtac 2788

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none"> Appearance - White Viscosity - 8500 cps at 375°F Softening Point - 245°F Density - .85 - .88 grams/cc 	<ul style="list-style-type: none"> Battery Assembly Load Floor Filter Headliner Component Head Lamp Bonding Vibration / Sound Deadening 	<ul style="list-style-type: none"> 35 - 50 lb box 350 lb Fiber Drum 	<ul style="list-style-type: none"> High initial tack Medium open time (80 seconds) Excellent thermal stability at 375°F after at least 48 hours Excellent tensile strength Application temperature 300° to 375°F

REXtac 6825

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none"> Appearance - White Viscosity - 2600 cps at 375°F Softening Point - 313°F Density - .85 - .88 grams/cc 	<ul style="list-style-type: none"> Bi-laminate fabric on door and instrument panels 	<ul style="list-style-type: none"> 35 - 50 lb box 350 lb Fiber Drum 	<ul style="list-style-type: none"> Minimal residual tack Excellent cohesion Short open time (20 seconds) Excellent stability at 375°F after at least 48 hours Application temperature 350° to 375°F

REXtac E101

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none"> Appearance - White Viscosity - 2000 cps at 375°F Softening Point - 220°F Density - .85 - .88 grams/cc 	<ul style="list-style-type: none"> Load Floor Bonding Foam to Foam 	<ul style="list-style-type: none"> 35 - 50 lb box 350 lb Fiber Drum 	<ul style="list-style-type: none"> High initial tack Good cohesion Very long open time (900 seconds) Excellent thermal stability at 375°F after at least 48 hours Low tensile strength Application temperature 270° to 375°F

REXtac 9720

CHARACTERISTICS	APPLICATION	PACKAGING	PERFORMANCE
<ul style="list-style-type: none"> Appearance - White Viscosity - 2000 cps at 375°F Softening Point - 240°F Density - .85 - .88 grams/cc 	<ul style="list-style-type: none"> Load Floor Bonding Foam to Foam 	<ul style="list-style-type: none"> 35 - 50 lb box 350 lb Fiber Drum 	<ul style="list-style-type: none"> High initial tack Good cohesion long open time (480 seconds) Excellent stability at 375°F after at least 48 hours Application temperature 290° to 375°F

PRODUCTION SPECIFICATIONS

PRODUCT	POLYMER TYPE	BROOKFIELD VISCOSITY cps (@ 190°C)	NEEDLE PEN (dmm)	R & B SOFT POINT		GLASS TRANSITION		OPEN TIME sec	TENSILE STRENGTH	
				°C	°F	°C	°F		Mpa	psi
RT2115	Homopolymer	1,500	15	152	305	-20	-4	<5	2.30	335
RT2180	Homopolymer	8,000	10	157	318	-20	-4	<5	2.56	375
RT2215	Low Ethylene Copolymers	1,500	20	143	290	-22	-8	10	0.87	126
RT2280	Low Ethylene Copolymers	8,000	15	146	295	-22	-8	10	1.10	160
RT2304	Medium Ethylene Copolymers	400	25	141	285	-29	-20	20	0.55	80
RT2315	Medium Ethylene Copolymers	1,500	25	141	285	-29	-20	20	0.57	83
RT2535	High Ethylene Copolymers	3,500	45	132	270	-37	-35	60	0.34	50
RT2730	Butene-1 Copolymers	3,000	30	110	230	-23	-9	300	0.61	90
RT2780	Butene-1 Copolymers	8,000	25	110	230	-23	-9	120	0.69	100
RT2788	Butene-1 Copolymers	8,500	<10	118	245	■	■	80	7.58	1100
RT6825	Butene-1 Copolymers	2,600	17	156	313	■	■	20	1.12	162
E101	Modified t-APAO	2,000	35	105	220	■	■	900	0.20	29
RT9720	Modified t-APAO	2,000	28	116	240	■	■	480	0.37	54



Produced in our Odessa, Texas facility, REXtac polymers are on-purpose, reactor-produced polyolefins. REXtac APAO is produced with REXtac, LLC's proprietary catalyst and Liquid Pool production process, which provides you the broadest range of physical and performance properties available in APAO polymers. REXtac polymers combine the unique characteristics of amorphous and low molecular weight properties with the easy processing of a polyolefin. This means you benefit from a custom polymer designed to meet your specific application and manufacturing specifications whether used neat or in formulations.

Our flexible process technology at REXtac is superior in its ability to produce APAO that can be modified, combined, and blended with other hot melt adhesive components to meet the most exact specifications for your application. REXtac APAO is simple to use and compatible with a wide variety of materials.

Contact us today for more information.

432.332.0058

