REXtac LLC
APAO Polymers

REXtac NONWOVEN ADHESIVES

Lower Density with REXtac APAO

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REXtac NONWOVEN ADHESIVES

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

- REXtac APAO is available neat or as a formulated adhesive
- More mileage - use up to 30% less adhesive
- Flexible open time
- High thermal stabilty
- High productivity

Key Areas of Nonwoven Applications

- Personal Hygiene
- Infant Care
- Adult Incontinence
- Gowns & Drapes
- Mattress Protector Pads
- Dental Bibs
- Pet Training Pads
- Meat Pads
- Automotive Interior
- Upholstery Assembly

BENEFITS TO USING REXtac APAO FOR NONWOVEN APPLICATION

REXtac APAO assists the customer's performance and efficiency in manufacturing nonwovens by providing quality, low cost adhesive technologies. Our polymers have proven thermal stability, excellent adhesion to diverse substrates, high peel values, and are low in both odor and VOCs. These primary attributes have resulted in REXtac being a preferred supplier of the nonowven industry.

REXtac 2730

CHARACTERISTICS

- Appearance - White
- Viscosity - 3000 cps at 375°F
- Softening Point - 230°F
- Density - .85 - .88 grams/cc

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- High initial tack
- Good cohesion
- Low to no pop bonding
- Long open time (300 seconds)
- Application temperature 275° to 375°F

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REXtac 2830

CHARACTERISTICS

- Appearance - White
- Viscosity - 3000 cps at 375°F
- Softening Point - 200°F
- Density - .85 - .88 grams/cc

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- High initial tack
- Excellent cohesion
- Long open time (350 seconds)
- Application temperature 250° to 375°F

REXtac E101

CHARACTERISTICS

- Appearance - White
- Viscosity - 2000 cps at 375°F
- Softening Point - 220°F
- Density - .85 - .88 grams/cc

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- High initial tack
- Good cohesion
- Very long open time (900 seconds)
- Application temperature 275° to 375°F

REXtac 9720

CHARACTERISTICS

- Appearance - White
- Viscosity - 2000 cps at 375°F
- Softening Point - 240°F
- Density - .85 - .88 grams/cc

PACKAGING

- 35 - 50 lb box
- 350 lb Fiber Drum

PERFORMANCE

- High initial tack
- Good cohesion
- long open time (480 seconds)
- Excellent stability at 375°F after at least 48 hours
- Application temperature 290° to 350°F

REXtac LLC APAO Polymers

PRODUCTION SPECIFICATIONS

PRODUCT	POLYMER TYPE	BROOKFIELD VISCOSITY cps (@ 190˚C)	NEEDLE PEN (dmm)	R & B SOFT POINT ˚C	R & B SOFT POINT ˚F	GLASS TRANSITION ˚C	GLASS TRANSITION ˚F	OPEN TIME sec	TENSILE STRENGTH Mpa	TENSILE STRENGTH psi
RT2730	Butene-1 Copolymers	3,000	30	110	230	-23	-9	300	0.61	90
RT2830	Butene-1 Copolymers	2,700	10	90	200	-23	-9	350	1.23	178
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

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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

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