REXtac® LLC

APAO Polymers

RT 2730

DESCRIPTION: Butene-1 copolymer and FDA compliant*.

FEATURES: Very low softening point, medium viscosity, good tack, and very long open time.

APPLICATIONS: Component of hot melt adhesives, sealants, and specialty products.

PROPERTIES	TEMP °C	NOMINAL VALUE	SI UNIT		TEMP °F	NOMINAL VALUE	ENGLISH UNIT		ASTM TEST METHOD
Melt Viscosity	135	16600	MPa s		275	16600	cps		D 3236
	149	9600	MPa s		300	9600	cps		D 3236
	163	6300	MPa s		325	6300	cps		D 3236
	177	4500	MPa s		350	4500	cps		D 3236
	190	3000	MPa s		375	3000	cps		D 3236
	204	2400	MPa s		400	2400	cps		D 3236
Needle Penetration	25	30	1/10 mm						D 1321
Tensile Strength	23	0.61	MPa		73	90	psi		D 638
Softening Point by Ring and Ball		110	°C			230	°F		E 28
Shear Adhesion Failure Temp.(SAFT),Kraft/Kraft		78	°C			173	°F		REXtac Method**
Glass Transition, Tg		-23	°C			-9	°F		D 3417
Open Time, Kraft/Kraft	25	300	seconds						REXtac Method**
Flashpoint, COC		>235	°C			>450	°F		D 93
Solid Density	25	0.87	g/cc						D 792
Melt Density	190	0.75	g/cc		375	6.25	lbs/gal		REXtac Method**

* *This product conforms to FDA regulation 21 CFR 175.105*

** Available upon request

SEPT 2009

REXtac® LLC

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The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated, and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the reproducibility of our data in a customer's testing facility is not guaranteed. **There is no implied warranty of merchantability or fitness for a particular purpose.** Establishing satisfactory performance of the resin for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for use of the information and data presented.