

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	121	26800	MPa s	250	26800	cps	D 3236
	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	28	1/10 mm				D 1321
Tensile Strength	23	0.61	MPa	73	90	psi	D 638
Softening Point by Ring and Ball		107	°C		225	°F	E 28
Shear Adhesion Failure Temp. (SAFT), Kraft/Kraft		78	°C		173	°F	Huntsman Method**
Glass Transition, Tg		-23	°C		-9	°F	D 3417
Open Time, Kraft/Kraft	25	120	seconds				Huntsman 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	Huntsman Method**

* This product conforms to FDA regulation 21 CFR 175.105

** Available upon request

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