

Product Selection Guide

Grades	Fluorine Content (%)	TR 10 (°C/°F)	Mooney Viscosity ML (1+10) @ 121°C (250 °F)	Hardness (Shore A)	Product suggested uses/applications
	Internal NMR	ASTM D 1329	ASTM D 1646	ASTM D 2240	

Bisphenol Curable

Cure Incorporated Copolymers

KB 2250Z	66.0	-18 (-0.4)	23	74	Injection molding of complex shapes - Metal bonding
KB 2252	66.0	-18 (-0.4)	23	73	Injection molding of complex or extruded shapes. FDA**
KB 2253	66.0	-18 (-0.4)	23	76	Injection molding, O-rings, gaskets. FDA**
KB 2255	66.0	-18 (-0.4)	23	76	Injection molding, O-rings, gaskets. Improved Cset than KB 2253. FDA**
KB 2400Z	66.0	-18 (-0.4)	40	75	Injection/ compression molding of metal-bonded parts
KB 2402	66.0	-18 (-0.4)	40	74	Injection/ compression molding of complex shapes. FDA**
KB 2403	66.0	-18 (-0.4)	40	77	Compression, transfer or injection molding of O-rings. FDA**
KB 2450Z	66.0	-18 (-0.4)	45	73	Injection/ compression molding of metal-bonded parts
KB 2452	66.0	-18 (-0.4)	45	74	Injection/ compression molding of complex shapes. FDA**
KB 2453	66.0	-18 (-0.4)	45	77	Compression, transfer or injection molding of O-rings. FDA**

Bisphenol/Diamine Curable Terpolymer Raw Gums

KR 325	68.0	-14 (7)	25	75	Low viscosity general purpose grade. Better chemical resistance vs. copolymers
KR 370	68.0	-14 (7)	70	74	High viscosity general purpose grade. Better chemical resistance vs. copolymers. FDA**
KR 435	68.5	-13 (9)	30	73	Medium-low viscosity general purpose grade. Better chemical resistance vs. copolymers. FDA**
KR 470	68.5	-13 (9)	65	73	High viscosity general purpose grade. Better chemical resistance vs. copolymers. FDA**

Cure Incorporated Terpolymers

KR 3300Z	68.0	-14 (7)	30	73	Injection molding of oil seals, metal bonding
KB 4303	68.5	-13 (9)	30	75	Injection molding of O-rings, gaskets. Better chemical resistance vs. copolymers
KB 4602	68.5	-13 (9)	60	75	Compression molding of complex shapes
KB 4603	68.5	-13 (9)	60	75	Compression molding of O-rings, gaskets

Low Temperature Terpolymers

KR 630	65.8	-19 (-2)	30	75	Injection molding, general purpose
KB 6253	65.8	-19 (-2)	25	72	Compression, transfer or injection molding of O-rings

Peroxide Curable

Terpolymers

KR 320P	67.0	-15 (5)	20	70	Injection molding - General purpose
KR 340P	67.0	-15 (5)	45	70	Compression molding - General purpose
KR 520P	70.4	-5 (23)	20	76	Injection molding - General purpose. Best chemical resistance among FKMs
KR 545P	70.4	-5 (23)	45	72	Injection or compression molding - General purpose. Best chemical resistance among FKMs
KR 565P	70.4	-5 (23)	65	72	

* Press cure condition: 10 min at 170°C (338°F). Post cure conditions: for bisphenol curable grades: (8+16) hours at 230°C (446°F) / for peroxide curable grades: 4 hours at 230°C (446°F)

** Compliant to FDA § 177.2600

*** 45 Moony version available