

KOPEL® KP3347

Thermoplastic Copolyester Elastomer

Kolon Plastics, Inc.

Message:

KOPEL®KP3347 is a thermoplastic polyester elastomer (TPC-ET) product. It is available in North America, Latin America, Europe or Asia Pacific. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.60	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	23.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	780	%	ASTM D638
Flexural Modulus (23°C)	118	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	No Break		ASTM D256
23°C	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	74.0	°C	ASTM D648A
Melting Temperature	188	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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