

KOPEL® KP3943BM

Thermoplastic Copolyester Elastomer

Kolon Plastics, Inc.

Message:

KOPEL® KP3943BM is a Thermoplastic Copolyester Elastomer (TPC-ET) product. It can be processed by blow molding and is available in Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Water Absorption (Equilibrium, 23°C, 60% RH)	0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	41		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	17.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	480	%	ASTM D638
Flexural Modulus (23°C)	91.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	215	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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