

Sipolprene® 65215

Thermoplastic Copolyester Elastomer

SIPOL S.p.A

Message:

Sipolprene® 65215 is an ether ester thermoplastic elastomer (TPC-ET), developed and manufactured by Sipol, with a nominal hardness of Shore D 65 with a rheological behaviour, which makes it suitable for injection molding and extrusion processing.

Sipolprene® 65215 comes in a natural color with a standard stabilisation package. Black color and/or UV stabilised and/or heat stabilised are all available in dry blend version on request.

General Information	
Additive	Unspecified Stabilizer
Appearance	Natural Color
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183, ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238, ISO 1133
Water Absorption ¹ (23°C, 24 hr)	0.20	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	51.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	500	%	ASTM D638, ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	215	°C	ASTM D3418, ISO 3146
NOTE			

1. Immersion

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