

Sipolprene® 35195 W

Thermoplastic Copolyester Elastomer

SIPOL S.p.A

Message:

Sipolprene® 35195 W is an ether ester thermoplastic elastomer (TPC-ET), developed and manufactured by Sipol, with a nominal hardness of Shore D 35, a low modulus, and a rheological behaviour, which makes it suitable for injection moulding and extrusion processing. Sipolprene® 35195 W comes in a dry blend UV-stabilised version.

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238, ISO 1133
Water Absorption ¹ (23°C, 24 hr)	0.60	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	35		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	700	%	ASTM D638, ISO 527-2
Flexural Modulus	48.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	195	°C	ASTM D3418, ISO 3146
NOTE			

1. Immersion

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT