

Tecnoprene® ZK8 NERO900

Polypropylene Homopolymer

SO.F.TER. SPA

Message:

PP homopolymer, 40% glass fibre reinforced, chemical bonded, high flow

General Information			
Features	Chemically Coupled		
	High Flow		
	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34	g/10 min	ASTM D1238
	0.75		
Molding Shrinkage	0.20	%	Internal Method
Water Absorption (23°C, 24 hr)	0.020	%	ASTM D570
Ash Content	40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	120	MPa	ASTM D638
Flexural Modulus	8600	MPa	ASTM D790
Flexural Strength	170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Unnotched Izod Impact (23°C)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	150	°C	ASTM D648
Vicat Softening Temperature	137	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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

