

FARALLOY® PS-101

High Impact Polystyrene

O'Neil Color and Compounding

Message:

FARALLOY PS-101 is an extrusion grade high impact polystyrene formulated to resist ignition as defined by Underwriters' Laboratories 94V test protocol.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	High Impact Resistance		
	Ignition Resistant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.1	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	53.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	76.7	°C	ASTM D648
Vicat Softening Temperature	96.1	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.59 mm	V-0		
4.24 mm	5VA		

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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

