

XIRAN® SZ26080

Styrene Maleic Anhydride

Polyscope Polymers BV

Message:

XIRAN® SZ26080 is an amorphous thermoplastic random SMA (styrene maleic anhydride) copolymer. XIRAN® SZ26080 is typically added to other engineering plastics to increase:

- thermal stability
- dimensional stability
- surface adhesion properties

Application areas

XIRAN® SZ26080 is specifically designed as high heat modifier for PMMA or converted to it's ammonium salt water-based applications for coatings, sizing agents and binders.

General Information			
Features	Good dimensional stability		
	Copolymer		
	Good adhesion		
	Thermal stability, good		
	amorphous		
Uses	Plastic modification		
	Coating application		
	Adhesive		
Appearance	White		
	Clear/transparent		
Forms	Particles		
Processing Method	Composite		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Apparent Density	0.60	g/cm ³	Internal method
Maleic Anhydride Content	26	%	Internal method
Molecular Weight	80000	g/mol	Internal method
Moisture Content		ppm	ISO 760
Pellet Size	4.00	mm	
Polydispersity - (Mw/Mn)	2.50		ISO 13885-1
Volatiles		ppm	GC
Thermal	Nominal Value	Unit	Test Method

Glass Transition Temperature	160	°C	ISO 3146
Vicat Softening Temperature	125	°C	ISO 306
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	230 - 250	°C	
Middle Temperature	230 - 250	°C	
Front Temperature	230 - 250	°C	
Processing (Melt) Temp	< 280	°C	

Injection instructions

Optimum processing temperature: 240-270°C

Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Cylinder Zone 1 Temp.	230 - 250	°C	
Cylinder Zone 2 Temp.	230 - 250	°C	
Cylinder Zone 3 Temp.	230 - 250	°C	
Cylinder Zone 4 Temp.	230 - 250	°C	
Cylinder Zone 5 Temp.	230 - 250	°C	

Extrusion instructions

Optimum processing temperature: 240-270°C Maximum processing temperature: 280°C

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