

Pebax® HD 6313 SP 01

Polyether Block Amide

Arkema

Message:

Polyether bloc amide Pebax® HD 6313 SP 01 is a thermoplastic elastomer made of flexible polyether and rigid polyamide. Added to PA6, Pebax® HD 6313 SP 01 enhances the properties of PA6, especially at low temperatures and low humidity content, at the same time maintaining the transparency of the nylon film and improving its soft touch. This SP grade has been developed to be heat and UV resistant.

General Information			
Features	Good UV Resistance		
	High Heat Resistance		
	Low Temperature Resistant		
Uses	Plastics Modification		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	345	MPa	ISO 527-2
Tensile Stress (Break)	66.0	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Flexural Modulus	360	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	4.0	kJ/m ²	
23°C	No Break		
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	208	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	5.0 to 7.0	hr	
Processing (Melt) Temp	230 to 270	°C	
Mold Temperature	25.0 to 60.0	°C	
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	5.0 to 7.0	hr	
Melt Temperature	230 to 260	°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

