

# Pebax® 6333 SD 01

Polyether Block Amide

Arkema

Message:

Pebax® 6333 SD 01 is a Polyether Block Amide (PEBA-Ether) product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Good Mold Release

Good UV Resistance

General Information			
Features	Good Mold Release		
	Good UV Resistance		
Forms	Granules		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/1.0 kg)	2.0	g/10 min	ASTM D1238
Water Absorption			ASTM D570
	24 hr	1.2	%
	Saturation	0.50	%
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	17.0	MPa	
Break	51.0	MPa	
Tensile Elongation			ASTM D638
Yield	20	%	
Break	380	%	
Flexural Modulus	370	MPa	ASTM D790
Flexural Strength (Yield)	15.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	100	J/m	
19°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	161	°C	ASTM D1525

Melting Temperature	140 to 175	°C	
CLTE - Flow	1.4E-4	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.0E+10	ohms	ASTM D257
Volume Resistivity	1.0E+13	ohms·cm	ASTM D257

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

