

ISOSAN® 735

Styrene Acrylonitrile
Great Eastern Resins Industrial Co., Ltd. (GRECO)

Message:
General Purpose

General Information			
Features	General		
Uses	General		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	16	g/10 min	ASTM D1238
Water Absorption (Equilibrium)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale, 6.35 mm)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (3.18 mm)	74.5	MPa	ASTM D638
Tensile Elongation ² (Break, 3.18 mm)	3.4	%	ASTM D638
Flexural Strength ³ (6.35 mm)	113	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	1.77	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	100	°C	ASTM D648
Vicat Softening Temperature	110	°C	ASTM D1525 ⁴
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant	3.00		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.6 mm)	HB		UL 94
NOTE			
1.	6.0 mm/min		
2.	6.0 mm/min		
3.	2.8 mm/min		
4.	速率 A (50°C/h)		

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.

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

