

ISOPAK® 583

Acrylonitrile Styrene Acrylate

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

Message:

Good Weathering and Impact Resistance Grade

General Information			
Features	Impact resistance, good		
	Good weather resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.0 - 8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	53.9	MPa	ASTM D638
Flexural Modulus ²	2160	MPa	ASTM D790
Flexural Strength ³	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
3.18 mm	110	J/m	ASTM D256A
6.35 mm	98	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	97.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	HB		UL 94
NOTE			
1.	50 mm/min		
2.	3.0 mm/min		
3.	3.0 mm/min		

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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

