

ISOPAK® 640W

Polycarbonate + ABS

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

Message:

Flame Retardant, Good Impact, Dimensional Stability

General Information			
Features	Good dimensional stability		
	Impact resistance, good		
	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C)	56.9	MPa	ASTM D638
Flexural Modulus ² (23°C)	2330	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	490	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.0	°C	ASTM D648
Vicat Softening Temperature	110	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	V-0		UL 94
NOTE			
1.	2.8 mm/min		
2.	2.8 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



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