

Cevian®-V 720

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Cevian®-V 720 is an acrylonitrile butadiene styrene (ABS) material. This product is available in the Asia-Pacific region.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 - 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	41.0	MPa	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	14	kJ/m ²	ISO 179/1eA
23°C	25	kJ/m ²	ISO 179/1eA
Notched Izod Impact			ASTM D256
-30°C, 6.40 mm	140	J/m	ASTM D256
23°C, 6.40 mm	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, unannealed, 12.7mm	92.0	°C	ASTM D648
1.8 MPa, not annealed	77.0	°C	ISO 75-2/A
Vicat Softening Temperature	96.0	°C	ISO 306/B50
CLTE - Flow	9.0E-5	cm/cm/°C	ISO 11359-2
Ball Pressure Test	90	°C	

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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

