

Technical Data Sheet

Polyfort HIPS 730F/R A BLACK 2-0010



Polystyrene, High Impact

Product Description

Polyfort HIPS 730F/R A BLACK 2-0010 is a Polystyrene, High Impact material and is typically used in Extrusion applications. Features include: Good Impact Resistance.

Regulatory Status

For regulatory compliance information, see HIPS 730F/R A BLACK 2-0010 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Processing Method	Extrusion
Attribute	Good Impact Resistance
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (200 °C/5.0 kg)	3.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	20.7	MPa	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Tensile Elongation at Break	50	%	ASTM D638
Flexural Strength	29	MPa	ASTM D790
Impact			
Notched Izod Impact	120	J/m	ASTM D256
Thermal			
Vicat Softening Temperature	100	°C	ASTM D1525
Deflection Temperature Under Load Unannealed (264 psi)	85	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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