Technical Data Sheet

Icorene HD0235G30CD1A13741BLK

High Density Polyethylene

Product Description

Icorene HD0235G30CD1A13741BLK is a Polyethylene, High Density Glass Fiber, 30% filled material.

Regulatory Status

For regulatory compliance information, see HD0235G30CD1A13741BLK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Discontinued
Availability	North America
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	3	g/10 min	ASTM D1238
Density - Specific Gravity	1.18	g/cm³	ASTM D792
Mechanical			
Tensile Modulus	4200	MPa	ASTM D638
Tensile Strength at Yield	36	MPa	ASTM D638
Flexural Modulus	4200	MPa	ASTM D790
Flexural Strength	42	MPa	ASTM D790
Tensile Elongation at Break	2	%	ASTM D638
Impact			
Unnotched Izod Impact, (3.18 mm)	110	J/m	ASTM D4812
Notched Izod Impact, (3.18 mm)	50	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	75		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	110	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	130	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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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