

Technical Data Sheet

Polyflam 31N7004NCBLK



Polycarbonate + PBT

Product Description

Polyflam 31N7004NCBLK is a Polycarbonate + PBT material. Features include: Impact Modified.

Regulatory Status

For regulatory compliance information, see 31N7004NCBLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Attribute	Impact Modified
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (250 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	44.8	MPa	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Impact			
Gardner Impact, (-40 °C)	36.2	J	ASTM D3029
Notched Izod Impact	640	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	65.6	°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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