

Technical Data Sheet

Diamond ABS881LCLEARNAT



Acrylonitrile Butadiene Styrene

Product Description

Diamond ABS881LCLEARNAT is a Acrylonitrile Butadiene Styrene material.

Regulatory Status

For regulatory compliance information, see ABS881LCLEARNAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Appearance	Clear/Transparent

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	1.07	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	43	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Tensile Elongation at Break	20	%	ASTM D638
Tensile Modulus	2000	MPa	ASTM D638
Flexural Strength	60	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	87	°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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