

Technical Data Sheet

Diamond ABS881LCLEARNAT



Acrylonitrile Butadiene Styrene

Product Description

Diamond ABS881LCLEARNAT is a Acrylonitrile Butadiene Styrene material.

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