



Diamond ABS881ASD6T15893 BLUE TINT

LyondellBasell Industries - Acrylonitrile Butadiene Styrene

General Information

Product Description

ABS881ASD6 is a Static Dissipative Methylmethacrylate Acrylonitrile Butadiene Styrene Copolymer

General

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|------------|--------------------|
| Appearance | • Colors Available |
| Forms | • Pellets |

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.09		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5800	psi	ASTM D638
Tensile Elongation (Yield)	3.0	%	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	280000	psi	ASTM D790
Flexural Strength	7980	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176 to 185	°F
Drying Time	2.0 to 4.0	hr
Suggested Max Moisture	0.10	%
Rear Temperature	374 to 482	°F
Middle Temperature	374 to 482	°F
Front Temperature	374 to 482	°F
Mold Temperature	104 to 176	°F
Injection Rate	Moderate-Fast	