

Diamond ABS827LA10524 GREYGRY

LyondellBasell Industries - Acrylonitrile Butadiene Styrene

General Information

Product Description

Diamond ABS827LA10524 GREYGRY is a Acrylonitrile Butadiene Styrene material. Features include: Platable.

General

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| Features | • Platable |
| Forms | • Pellets |

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	261000	psi	ASTM D638
Tensile Strength (Yield)	7830	psi	ASTM D638
Tensile Strength (Break)	5080	psi	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	392000	psi	ASTM D790
Flexural Strength	10900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	5.8	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	194	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	169	°F	ASTM D648