



Polyflam RABS 90000 UV5 GRY 6-1269

LyondellBasell Industries - Acrylonitrile Butadiene Styrene

General Information

Product Description

ABS Flame Retardant

General

Additive	• Flame Retardant
Features	• Flame Retardant
Processing Method	• Injection Molding
Resin ID	• ABS FR17

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	319000	psi	ISO 527-1/1A/1
Tensile Stress (Yield, 73°F)	6090	psi	ISO 527-2/1A/50
Tensile Strain (Break, 73°F)	3.0	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	176	°F	ISO 75-2/Ae
Vicat Softening Temperature	221	°F	ISO 306/A50