

Technical Data Sheet

Polyflam RABS 90000 UV5 RFT WHI87445



Acrylonitrile Butadiene Styrene

Product Description

ABS Flame Retardant

Regulatory Status

For regulatory compliance information, see *Polyflam* RABS 90000 UV5 RFT WHI87445 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Latin America; North America
Processing Method	Injection Molding
Additive	Flame Retardant
Resin ID	ABS FR17

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.20	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (Type 1A, 23 °C, 50 mm/min)	42.0	MPa	ISO 527-2
Tensile Strain at Break, (Type 1A, 23 °C, 50 mm/min)	3.0	%	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min, Type 1A)	2200	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	10	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	105	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa), (Edgewise)	80.0	°C	ISO 75-2/A

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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