

Technical Data Sheet

Polyflam HP0362V2CSLB14431RED



Polypropylene, Homopolymer

Product Description

Polyflam HP0362V2CSLB14431RED is a Polypropylene Homopolymer material.

Regulatory Status

For regulatory compliance information, see HP0362V2CSLB14431RED [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.988	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	8	%	ASTM D638
Tensile Strength at Yield	37	MPa	ASTM D638
Tensile Strength at Break	20	MPa	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Tensile Elongation at Break	40	%	ASTM D638
Tensile Modulus	1600	MPa	ASTM D638
Flexural Strength	43	MPa	ASTM D790
Impact			
Notched Izod Impact	50	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	94		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	55	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	91	°C	ASTM D648
UL Information			
Flame Rating, (1.6 mm)	V-0		UL 94
UL File Number	E99379(N)		

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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