

Technical Data Sheet

Polyflam HP0362V2CSLB14431RED



Polypropylene, Homopolymer

Product Description

Polyflam HP0362V2CSLB14431RED is a Polypropylene Homopolymer material.

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)		