

Technical Data Sheet

Percom KDH16F/R LIGHT GRY 6-2928



Polypropylene Copolymer

Product Description

High impact PP Copolymer 20% mineral filled flame retardant

Regulatory Status

For regulatory compliance information, see *Percom KDH16F/R LIGHT GRY 6-2928* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Processing Method	Injection Molding
Attribute	High Impact Resistance
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133
Density	1.06	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	28	MPa	ISO 527-2
Tensile Strain at Break	>20	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Tensile Strain at Yield	>4.0	%	ISO 527-2
Impact			
Charpy Impact Strength - Notched	17	kJ/m ²	ISO 179
Notched Izod Impact Strength, (23 °C, Type 1, Notch A)	15	kJ/m ²	ISO 180
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	150	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	116	°C	ISO 75-2/B
Flammable			
Glow Wire Ignition Temperature, (2.0 mm)	960	°C	IEC 60695-2-13
UL Information			
Flame Rating, (1.6 mm)	V-2		UL 94
UL File Number, (Europe)	E132739		



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C

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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