

100% Re-Engineered Polypropylene, 30% Glass Reinforced, Black, Compound

Ramofin RPPH300G6BK10 is a Black, 30% glass fibre reinforced, Industrial grade Polypropylene for injection moulding applications

General Properties

Polymer Type	r-PP
Filler / Reinforcement	Glass Fibre Reinforced
Processing Method	Injection Moulding
Form	Uniform Granules

Physical Properties	Test Method	Unit	D-A-M
Density	ISO 1183	g/cm ³	1.14

Mechanical Properties	Test Method	Unit	D-A-M	Conditioned
Tensile Strength	ISO 527-2/1A	MPa	35	
Tensile Strain @ Break	ISO 527-2/1A	%	3	
Tensile Modulus	ISO 527-2/1A	MPa	4500	
Charpy Unnotched Impact	ISO 179/1eU	kJ/m ²	30	
Charpy Notched Impact	ISO 179/1eA	kJ/m ²	6	
Izod Notched Impact	ISO 180	kJ/m ²	5	

Thermal Properties	Test Method	Unit	D-A-M
Heat Distortion Temperature @ 0.45MPa	ISO75-2/B	°C	>140

Flammability Properties	Test Method	Unit	D-A-M
Flame Rating (Not UL listed)	Internal test (UL94)	*	HB (1.6mm)

Recommended Processing	Unit
Drying Temperature	°C
Drying Time	Hours
Processing Temperatures (Barrel Zones)	°C
Optimum Melt temperature range	°C
Mould Temperature	°C

The appearance of splash marks on the surface of mouldings indicates excessive moisture is present. Excessive drying temperature or duration will lead to progressive yellowing of natural or light colours.

Packaging and Storage

25Kg sacks, Big Bags, Octobins, Bulk Silo
Store in dry, well ventilated areas away from heat sources.

The information given in this document is accurate to our knowledge on date of publication.
All data provided is based on typically achieved values and not to be taken as specifications.
Values will differ with addition of additives, pigments or other materials. Polyram UK Ltd gives no guaranty or warranty in connection with this data and it is to be used at individuals own discretion and risk.

