

PRODUCT DATA SHEET



GRPLENE ICP-PP GREY

Product Description

Upcycled Polypropylene

Product Applications

Paint Pails, Lubricant pails, Battery housing cover.

General

Forms - Pellets
Appearance/Color - White
Processing Method - Injection molding

Properties	Typical Value	Unit	Test Method
Specific Gravity	0.90	-	ASTM D -792
Filler Content	≤ 3	%	Inhouse
Moisture Content	0.05	%	Inhouse
Melt flow index	8-12	g/10min	ASTM D-1238
Tensile Strength	22	Mpa	ASTM D-638
Elongation at Yield	5	%	ASTM D-638
Flexural Modulus	950	MPa	ASTM D-790
Notched Izod Impact strength	150	j/m	ASTM D-256A
Heat Deflection Temperature @ 0.45MPa	95	°C	ASTM D-648



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Drying conditions

It is recommended to pre dry PP granules at 65-75 °C for 1-2 Hrs.

Note

All Properties measured at 23 Deg. / 50% RH. Only typical data for material selection purposes only. Users have to establish material suitability. The information & data presented herein are to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance. The information and data are subject to change without prior intimation based on research and development work undertaken by the company.

Plant

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