

Product Data and Technical Information

POLYMER TYPE: POLYPROPYLENE HOMOPOLYMER

GRADE NAME : RG 1148 RC

PACKING : PP bags of 25 kgs, 50 bags on a pallet shrunk by PE

APPLICATION : Thinwalled packaging, dessert and yughurt cups, closures, housewares, housing

PRODUCT FEATURES : Homopolymer with high stiffness, good flowability and low warpage

PROCESSING METHOD : Extrusion

Property	Test Method	Unit	Value
MFR (230° C/ 2.16 Kg)	ASTM D1238/L	gr/10min	22
Tensile Modulus of Elasticity (1mm/min)	ASTM D638	MPa	1650
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
Elongation at Yield(50 mm/min)	ASTM D638	%	8
Notched Charpy Impact at 23°	ISO 179/ 1eA	KJ/m ²	2.5
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m ²	1.5
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball indentation hardness	ISO 2039-1	MPa	78
HDT (0.46 N/mm ²)	ASTM D648	°C	95
Melting Point , DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm ³	0.91

ation in this publication is submitted without prejudice, and is based on our current knowledge and experience .number of tests

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