

**Technical Data Sheet**

**RG 1102 XL**

POLYPROPYLENE HOMOPOLYMER

RG 1102 XL is a Homopolymer with general extrusion additivatation.

**application:**

Extrusion and injection moulding applications, raffia, tapes, monofilaments, diar products.

Property	Test Method	Unit	Value
MFR ( 230° C/ 2.16 Kg )	ASTM D1238/L	gr/10min	5.5
Tensile Modulus of Elasticity (1mm/min)	ASTM D638	MPa	1500
Tensile Strength at Yield (50mm/min)	ASTM D638	MPa	34
Elongation at Yield(50 mm/min)	ASTM D638	%	9
Notched Charpy Impact at 23°	ISO 179/ 1eA	KJ/m2	3.5
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m2	1.5
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball indentation hardness	ISO 2039-1	MPa	74
HDT ( 0.46 N/mm2 )	ASTM D648	°C	85
Melting Point , DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm <sup>3</sup>	0.91