

Technical Datasheet RG 1102XK

1) Product Description:

PP RG 1102XK is a homopolymer with low water carry over which is preferred grade for tapes.

2) Applications:

Raffia, tape yarn, technical textiles, carpet backing, diary products.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFR (230°C/2.16kg)	ASTM D 1238/L	g/10min	4
Tensile modulus of Elasticity (1mm/min)	ASTM D 638	MPa	1500
Tensile Strength at Yield (50mm/min)	ASTM D 638	MPa	34
Elongation at Yield (50mm/min)	ASTM D 638	%	9
Notched Charpy Impact at 23°C	ISO 179/ 1eA	KJ/m ²	4
Notched Charpy Impact at -30°C	ISO 179/ 1eA	KJ/m ²	1.7
Vicat Softening Point, 10N	ASTM D 1525	°C	154
Ball indentation hardness	ISO 2039-1	MPa	74
HDT (0.46 N/mm ²)	ASTM D 648	°C	85
Melting Point , DSC	ASTM D 3417	°C	163
Density	ASTM D 792	gr/cm ³	0.91

* Typical values not to be construed as specifications.