

POLYPROPYLENE (P.P)

(EXTRUSION GRADE: 5014)

Characteristics & Uses:

-Stretch film tape for band, packaging tape, and monofilament for rope, fish net Grade.

Physical Properties:

Description	Test Method	Unit	Result
MI	ASTM D 1238	g/10min	3.5
Density	ASTM D 792	g/cm ³	0.90
Tensile at yield	ASTM D 638	kgf/cm ²	350
Elongation at break	ASTM D 638	%	500<
Flexural modulus	ASTM D 790	kgf/cm ²	15,500
Hardness (Rockwell)	ASTM D 785	R scale	98
IZOD impact strength	ASTM D 256	kgf·cm/cm	3.5
Vicat softening point	ASTM D 1525		153

- Test Sample; Injection molding specimen.

Plat Yarn Test Results:

Description	Test method	Unit	Result
Tenacity	ASTM D 638	G/D	6.0
Elongation at break	ASTM D 638	%	15

- Stretch ratio; 9:1 thickness; 1200denier flat yarn
- Above data are typical laboratory averages.

Processing Conditions:

Cylinder temperature	: 220 - 250
Die temperature	: 210 - 230
Stretching temperature	: 100 - 120

NB: OTHER GRADES ARE ALSO AVAILABLE.

Email: sales@nnschemicals.com - Help line: +923 214 214 315

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