

PP-Homo CR 380 Technical Datasheet

1) Product Description:

" P-CR- 380" is a high melt flow rate homo-polymer polypropylene with a narrow molecular weight distribution for the high speed production of low denier continuous filament for

spunbonded,nonwoven fabrics with an excellent balance of mechanical properties and softness.

" P-CR- 380" is formulated with an anti-gasfading stabilization package and characterized by consistent high speen and low nonwoven weights.

" P-CR- 380" is suitable for nonwoven fabrics for diapers, medical-sanitary applications, protective fabrics for agricultural, industrial and medical applications.backing and linings for the furniture and carpet industries.

" P-CR- 380" can also be used for the production of partially oriented yarn and bulked continuous filament.

" P-CR- 380" is suitable for food contact.

2) Applications:

Spunbonded,Nonwoven fabrics

Fabrics for diapers, medical-sanitary applications

Protective fabrics for agricultural, industrial and medical applications

Wipes and tissues

Bulk continuous filament and Oriented yarn

Backing and linings for the furniture and carpet industries.

Nonwoven staple fiber

3) Typical data:

Property	Test method	Unit	value
Melt Flow rate (230 °C, 2.16 kg)	ASTM D1238	g/10min	35-40
Density	ASTM D1505	g/cm ³	0.9
Flexural Modulus	ASTM D790	MPa	1500
Tensile Strength at Yield	ASTM D638	MPa	33
Tensile Elongation at Yield	ASTM D638	%	8
Izod Impact Strength (notched) at 23 °C	ASTM D256	J/m	30
Vicat softening point (10 N)	ASTM D1525	°C	155
H.D.T. (0.46 Mpa)	ASTM D648	°C	91