



Technical Datasheet: CR 380

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.

Applications:

Spunbonded,Nonwoven fabrics
 Fabrices 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

Typical data:

Property	Test method	Unit	value
Melt Flow rate (۲۳° °C, ۲.1۶ kg)	ASTM D1۲۳۸	g/1۰min	۳۵-۴۰
Density	ASTM D1۵۰۵	g/cm ^۳	۰.۹
Flexural Modulus	ASTM D۲۹۰	MPa	1۵۰۰
Tensile Strength at Yield	ASTM D۶۳۸	MPa	۳۳
Tensile Elongation at Yield	ASTM D۶۳۸	%	۸
Izod Impact Strength (notched) at ۲۳ °C	ASTM D۲۵۶	J/m	۳۰
Vicat softening point (1۰ N)	ASTM D1۵۲۵	°C	1۵۵
H.D.T. (۰.۴۶ Mpa)	ASTM D۶۴۸	°C	۹1