

# Technical Data Sheet

**Category: Polypropylene**

**Product name:**

**PH250J**

**Description:** PH250J is a high melt flow homopolymer for the production of CF, BCF and fine denier staple fibers at medium to high spinning speeds and exhibits excellent anti-gasfading properties. PH250J is suitable for nonwoven fabrics for diapers, medical-sanitary applications and wipes. Another typical application is high tenacity continuous filament for straps for backpacks, sport bags, bulk bags and safety belts. Continuous filament with medium tenacity is used for upholstery and sportswear. PH250J is also suited for the production of bulked continuous filament for carpets PH250J is suitable for food contact.

**Processing Method:** Fiber Extrusion (BCF, CF, staple)

**Features:** High melt flow Excellent anti-gasfading properties Good processability Homopolymer

**Typical Applications:** Nonwoven fabrics for diapers, medical-sanitary applications Wipes and tissues Straps for backpacks, sport bags, bulk bags and for safety belts Upholstery and sportswear Bulk continuous filament for carpets Nonwoven staple fiber Hygiene nonwoven approve.

## Characteristics:

Property	Value	Unit	(Test Method)
<b>Typical Properties</b>			
Melt Flow Rate(230°C, 2.16kg)	25	g/10min	ASTM D1238
Density	0.9	g/m <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1500	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
İzod Impact Strength(notched) at 23°C	30	J/m	ASTM D256
Rockwell Hardness	100	R scale	ASTM D785
<b>Thermal</b>			
Vicat softening Point(10N)	152	°C	ASTM D1525
H.D.T. (0.46 MPa)	94	°C	ASTM D648
Accelerated oven ageing in air at 150°C	150	hours	ASTM D3012

