

TECHNICAL DATASHEET

PP H2250



PRODUCT DESCRIPTION

PP H2250 is a Polypropylene Homopolymer with a Melt Flow Rate (MFR) of 25 g/10min. PP H2250 is a medium narrow molecular weight distribution with anti-gas fading stabilization. It is intended for the extrusion of fine fibers with the spunbond technology for non-woven applications. It is also suitable for the extrusion of bulk continuous filament (BCF) for carpet pile and continuous filament (CF) yarns.

TRPICAL APPLICATION

TASNEE PP H2250 is used for Spunbond non-woven applications and also suitable for BCF/CF yarns. It is also utilized for coating applications as well as general purpose injection molding grade for thin wall applications.

TYPICAL PROPERTIES

TYPICAL DATA

Physical	Method	Unit	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10min	25
Melting Temperature	ISO 11357-3	°C	163
Vicat Softening Temperature	ISO 306	°C	152
Heat Distortion Temperature @ 0.45 MPa	ISO 75-2	°C	102
Density	ISO 1183	g/cm ³	0.9

Mechanical	Method	Unit	Value
Tensile Strength @ Yield	ISO 527-2	MPa	33
Tensile Elongation @ Yield	ISO 527-2	%	10
Flexural Modulus (1% Secant)	ISO 178	MPa	1450
Charpy Impact Strength (Notched) at 23° C	ISO 179/1eA	KJ/m ²	3.0
Rockwell Hardness	ISO 2039-2	R	95

BCF Processing Conditions	
Extrusion Temperatures	210 – 240° C
Rolls Temperature	80 – 120° C
Draw Ratio	2.8 – 3.3
Quenching Temperature	10 – 20° C
Texturising Temperature	150 – 170° C

NOTE Processing parameters should only be used as guidelines. The above properties values are not to be construed as specifications.