

POLYCHIM J 30 IS

Polypropylene Homopolymer
POLYCHIM INDUSTRIES

Message:

POLYCHIM J 30 IS is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by extrusion or injection molding and is available in Europe.

Characteristics include:

Antistatic
Homopolymer
Nucleated

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Homopolymer		
	Narrow Molecular Weight Distribution		
	Nucleated		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45 to 55	g/10 min	ASTM D1238
Color - Yi	< 0.0		DIN 6167
Xylene Solubles - Atacticity	< 5.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	38.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	< 1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	26	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	154	°C	ASTM D1525 ⁴
--	105	°C	ASTM D1525 ⁵
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min
4.	Loading 1 (10 N)
5.	Loading 2 (50 N)

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