

POLYCHIM G 10 CS

Polypropylene Homopolymer

POLYCHIM INDUSTRIES

Message:

POLYCHIM G 10 CS is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by compounding, extrusion, or injection molding and is available in Europe. Typical application: Additive/Masterbatch. Primary characteristic: homopolymer.

General Information			
Features	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Compounding		
Processing Method	Compounding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13 to 17	g/10 min	ASTM D1238
Ash Content	320	mg/kg	ASTM D229
Color - Yi	< 0.0		DIN 6167
Xylene Solubles - Atacticity	< 5.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	15	%	ASTM D638
Flexural Modulus - 1% Secant ³	< 1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	92.0	°C	
1.8 MPa, Unannealed	56.0	°C	
Vicat Softening Temperature			
--	154	°C	ASTM D1525 ⁴
--	95.0	°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)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

