

4PROP® 25C21115 IUV2

Polypropylene Copolymer
4Plas

Message:

4PROP 25C21115 IUV2 is a MFI 15 15% Talc Filled Impact & UV Stabilised Copolymer Polypropylene

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Additive	Impact modifier		
	UV stabilizer		
Features	Impact modification		
	Copolymer		
	Good UV resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Hardness-Shore A	62.0		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	20	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	2.00	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	107	°C	ISO 75-2/B
Melting Temperature ²	165	°C	ISO 11357
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 240	°C	
Mold Temperature	20.0 - 50.0	°C	
Injection Rate	Moderate-Fast		
Holding Pressure	40.0 - 80.0	MPa	
Screw Speed	400	rpm	
Injection instructions			

Feed Throat Temperature: 20 - 60 °C Back Pressure: Low

NOTE

- | | |
|----|------------|
| 1. | 2.0 mm/min |
| 2. | 10 K/min |

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

