

INEOS PP 400-NA01

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

- Benefits & Features
- 400-NA01 is a nucleated low melt flow rate, very high impact copolymer for demanding industrial applications. This nucleated grade allows a faster cooling and excellent dimensional stability. It offers a superior balance of stiffness and impact strength and low gel content compared to competitive impact copolymers of similar melt flow rate.
- Improved impact / stiffness balance
- Very low gel content
- Superior surface quality
- Superior processability
- Applications
- Corrugated sheet (twin walled sheet)
- Corrugated pipe and fittings
- Sheets for thermforms
- Injection moulding

General Information			
Additive	Nucleating Agent		
Features	Good Dimensional Stability		
	Good Processability		
	Good Surface Finish		
	High Impact Resistance		
	Impact Copolymer		
	Low Flow		
	Low Gel		
	Nucleated		
Uses	Corrugated Pipe		
	Corrugated Sheet		
	Fittings		
	Industrial Applications		
	Sheet		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	8.0	kJ/m ²	
23°C	50	kJ/m ²	
Notched Izod Impact Strength			ISO 180/A
-20°C	7.5	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	91.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50
Peak Melting Temperature	165	°C	ASTM D3417

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

