INEOS PP 500-NA01

抗冲击共聚聚丙烯

INEOS Olefins & Polymers Europe

Technical Data

Product Description

500-NA01 is a low melt flow rate impact copolymer for demanding industrial applications. It offers an enhanced impact strength while keeping a high stiffness. This nucleated grade also allows a faster cooling and has a good long term stability.

Applications

- Corrugated pipes / conduit pipes
- Twin-wall sheets
- Fittings
- Sheets for thermforming
- Injection moulding

Benefits and Features

- Improved impact resistance (while keeping a high stiffness)
- Very low gel content
- Superior processability

General

Features	• 成核的 • 低速凝固晶点 • 高刚性	• 高抗撞击性 • 抗冲共聚物 • 良好的加工性能	• 流动性低 • 热稳定性，良好 • 食品接触的合规性
Uses	• 工业应用	• 配件	• 片材
Agency Ratings	• FDA 食品接触, 未评级		
RoHS Compliance	• 联系制造商		
Forms	• 粒子		
Processing Method	• 热成型	• 注射成型	

Physical	额定值 单位制	测试方法
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5 g/10 min	ISO 1133
Mechanical	**额定值 单位制**	**测试方法**
Tensile Stress (屈服)	25.0 MPa	ISO 527-2
Flexural Modulus (23°C)	1300 MPa	ISO 178
Impact	**额定值 单位制**	**测试方法**
Charpy Notched Impact Strength		ISO 179/1eA
-20°C	10 kJ/m²	
23°C	> 50 kJ/m²	
Notched Izod Impact Strength		ISO 180/1A
-20°C	10 kJ/m²	
23°C	> 50 kJ/m²	
Thermal	**额定值 单位制**	**测试方法**
Heat Deflection Temperature (0.45 MPa, 未退火)	95.0 °C	ISO 75-2/B
Vicat Softening Temperature	154 °C	ISO 306/A
Melting Temperature	166 °C	ISO 11357-3
氧感应时间 (200°C)	> 8.0 min	EN 728