

Rigidex® P 450-HP60

抗冲击共聚聚丙烯

INEOS Olefins & Polymers Europe

Technical Data

Product Description

Rigidex® P 450-HP60 is a nucleated and antistatic high flow high impact copolymer specifically designed for very fast cycling, thin walled injection moulding applications.

The Rigidex® P series of polypropylene resins are manufactured using the latest catalyst/process developments on Innovene P gas phase technology. As a result, they offer an industry leading balance between fluidity, rigidity and impact resistance.

New nucleating technology leads to higher isotropy and subsequently lower warpage of the final objects.

Applications:

- Very Thin Walled Technical Mouldings
- Yellow fat containers
- Housewares

Benefits and Features:

- Very good impact, even below 0°C
- Low warpage
- Very high flowability
- Very short cycle time
- Antistatic

General

Additive	• 成核剂	• 抗静电性	
Features	• 成核的 • 低翘曲性 • 高抗撞击性	• 抗冲击共聚物 • 抗静电性 • 快的成型周期	• 流动性高 • 耐低温冲击 • 中等硬度
Uses	• 薄壁部件	• 家用货品	• 容器
RoHS Compliance	• 联系制造商		
Forms	• 粒子		
Processing Method	• 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)	60 g/10 min	ISO 1133
Mechanical	额定值 单位制	测试方法
Flexural Modulus (23°C)	1400 MPa	ISO 178
Impact	额定值 单位制	测试方法
Notched Izod Impact Strength		ISO 180/1A
-20°C	4.2 kJ/m ²	
23°C	6.2 kJ/m ²	
Thermal	额定值 单位制	测试方法
Heat Deflection Temperature (0.45 MPa, 未退火)	105 °C	ISO 75-2/B