



RIGIDEX® P 350-HP45

Product Technical Information

RIGIDEX® P 350-HP45 is a high flow, high rigidity, nucleated and antistatic impact copolymer specifically designed for 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, offering an excellent balance between fluidity, rigidity and impact resistance.

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

Benefits & Features

- High flowability
- Good impact behaviour
- Low warpage
- Very short cycle time
- Improved organoleptics
- Antistatic

Applications

- Thin Walled Technical Mouldings
- Food and paint containers
- Housewares

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	45	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1500	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	7	kJ/m ²
Izod Impact Strength, notched	-20°C	ISO 180/A	4	kJ/m ²
Data should not be used for specification work				

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration.

It is advised to process the product within maximum one year after delivery.