



RIGIDEX® P 381-H100

Product Technical Information

RIGIDEX® P 381-H100 is a nucleated and antistatic high flow 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.

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

Benefits & Features

- Good impact behaviour, even below 0°C
- Low warpage
- Very high flowability
- Very short cycle time
- Antistatic
- Manufactured with a non-phthalate base catalyst

Applications

- Thin Walled Technical Mouldings
- Yellow fat containers
- Housewares

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	90	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1350	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	6	kJ/m ²
Izod Impact Strength, notched	0°C	ISO 180/A	4.5	kJ/m ²
Izod Impact Strength, notched	-20°C	ISO 180/A	3	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.