



100-XA03

Product Technical Information

100-XA03 is a polypropylene homopolymer grade used for the production of high tenacity staple fibres.

Benefits & Features

- Non-yellowing / anti-gasfading
- Good processability
- High degree of cleanliness
- High tenacity
- Low catalyst residue.

Applications

- High tenacity staple fibers

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	3	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1450	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	35	MPa
Thermal				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	163	°C
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.