

Sunoco PP D040W6

: Polypropylene Homopolymer

Product Description

- Injection Molding, General Purpose, Low Water Carryover
- Suggested Uses Include Tape, Slit-film Fibers, Containers, Closures. Housewares

Typical data

ASTM and ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength @ Yield ²	5400	psi	ASTM D638
Tensile Elongation @ Yld ²	10	%	ASTM D638
Flexural Modulus (Procedure A) ³	1% Secant: 230000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73 °F) ⁴	0.700	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785

Additional Properties

Tenacity of Fibers, Sunoco Chemicals, 3.3 draw ratio, 1250 m/min roll speed, 225°C spin temperature, D1000/68: 4.5 g/denier
Elongation of Fibers, Sunoco Chemicals, 3.3 draw ratio, 1250 m/min roll speed, 225°C spin temperature, D1000/68: 36%

Notes

Typical properties: these are not to be construed as specifications.

2.0 in/min

Ø.050 in/min

Method A