

SECCO S1003

Polypropylene Homopolymer
Shanghai SECCO Petrochemical Co., Ltd

Message:

SECCO S1003 is a polypropylene homopolymer (PP Homopoly) material. This product is available in the Asia-Pacific region.
The main features of SECCO S1003 are:
ROHS certification
Homopolymer
The typical application field of SECCO S1003 is: food contact application

General Information			
Features	Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	34.0	MPa	ISO 527-2/50
Fracture	20.0	MPa	ISO 527-2/50
Tensile Strain (Break)	500	%	ISO 527-2/50
Flexural Modulus ¹	1380	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	99.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Yellowness Index	-1	YI	ASTM E313
NOTE			

1. 2.0 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

