

SECCO S2040

Polypropylene Homopolymer
Shanghai SECCO Petrochemical Co., Ltd

Message:

SECCO S2040 is a polypropylene homopolymer (PP Homopoly) material. This product is available in the Asia-Pacific region.
The main features of SECCO S2040 are:
ROHS certification
Homopolymer
The typical application field of SECCO S2040 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)	36	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	32.0	MPa	ISO 527-2/50
Fracture	20.0	MPa	ISO 527-2/50
Tensile Strain (Break)	650	%	ISO 527-2/50
Flexural Modulus ¹	1320	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	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

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