

SECCO K4912

Polypropylene Random Copolymer
Shanghai SECCO Petrochemical Co., Ltd

Message:

SECCO K4912 is a polypropylene random copolymer (PP random copolymer) material. This product is available in the Asia-Pacific region.
The main features of SECCO K4912 are:
ROHS certification
Copolymer
The typical application field of SECCO K4912 is: food contact application

General Information			
Features	Random copolymer		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
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)	12	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	28.0	MPa	ISO 527-2/50
Fracture	18.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	74.0	°C	ISO 75-2/B
Optical	Nominal Value	Unit	Test Method
Transmittance (1000 μm)	87.0	%	ISO 14782
Haze (1000 μm)	11	%	ISO 14782
Yellowness Index	0	YI	ASTM E313
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

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