

Product Data Sheet

SECCO K7926



Polypropylene, Impact Copolymer

Product Description

K7926 is a high flow ability impact copolymer with excellent processing fluidity, high impact strength and stiffness, which is widely used in large injection molding parts and compounding area.

Typical Applications

Injection Molding: household appliances (such as the carapace, base and cylinder of washing machine), children electric toy car parts and other industrial and civil products

Blending Modification: automobile parts

Typical Property Values

Properties	Typical values	Units	Test methods	
Physical Properties				
Melt Flow Rate (230°C/2.16 kg)	26	g/10min	GB/T 3682.1	
Density	0.90	g/cm ³	GB/T 1033.2	
Melting Temperature (DSC)	164	°C	GB/T 19466.3	
Mechanical Properties				
Tensile Strength at Yield (50 mm/min)	25	MPa	GB/T 1040.2	
Flexural Modulus (2 mm/min)	1250	MPa	GB/T 9341	
Charpy Impact Strength, notched	23°C	9.0	kJ/m ²	GB/T 1043.1
	-20°C	4.0	kJ/m ²	GB/T 1043.1
Rockwell Hardness	100	R-Scale	GB/T 3398.2	
Thermal Properties				
Heat Deflection Temperature (0.45 MPa)	98	°C	GB/T 1634.2	
Vicat Softening Point (A ₅₀)	142	°C	GB/T 1633	

Notes

* These are typical properties only and should not be construed as specifications

* Recommended processing temperature: 190 ~ 250°C

* The information in this document was published in November 2022. When an updated version is released, the previous version of the same grade is automatically invalid

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Product Compliance

K7926 complies with GB 4806.6-2016 *National Food Safety Standard-Plastic Resin used in Food-contact*, FDA regulation 21 CFR 177.1520(c) 3.1a and the RoHS Directive 2011/65/EU. Additives those do not comply with national regulations, such as phthalates, are not intentionally used in **K7926**. However, the customer is still responsible for determining whether the fabricated product is in compliance with applicable laws and regulations.

Storage

The storage area for polypropylene resin should be dry, and preferable to normal temperature. The resin must be protected from direct sunlight, and heat resource. SECCO would not give warranty to bad storage conditions which may lead to color change, bad odor and inadequate product performance. It is generally recommended to convert all materials latest within 6 months from the date of delivery.

Safety and Material Handling

SECCO polypropylene resin has a very low degree of toxicity under normal conditions of use. For more detailed information, please contact your SECCO representative or the local suppliers to get the Material Safety Data Sheet (MSDS) for Copolymer Polypropylene.

For additional technical and sales assistance, please contact

Shanghai SECCO Petrochemical Co., Ltd

Registered address: NO. 557 South Nanyinhe Road, Shanghai Chemical Industrial Park

Contact Address: 30F, A Building, Fareast International Plaza, No. 319, Xianxia Rd., Changning District, Shanghai

Tel: +86(0)21 5257 4688

Fax: +86(0)21 6209 7070

Website: www.secco.com.cn

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