KPOL-PP K-PPC 60.0

Polypropylene Copolymer

KPOL Chem Co.

Message:

Polypropylene Heterophasic Copolymer
Characteristics
The KPOL Chem - PPC 60.0 heterophasic is a copolymer of propylene and ethylene of high fluidity. Product developed for the latest equipment for high productivity in thin-walled parts. It is formulated for direct contact with food, with excellent organoleptic properties.
Also has high stiffness and impact strength at low temperatures as well as easy mold release.
Applications
Packaging for sensitive to changes in odor and taste food; Housewares; Packaging for frozen desserts; Compounds injected and caps.

General Information			
Additive	Antioxidant Nucleating Agent		
Features	Antioxidant Copolymer Excellent Organoleptic Properties Food Contact Acceptable Good Mold Release Good Stiffness High Flow Low Odor Transfer Low Taste Transfer Low Temperature Impact Resistance Nucleated		
Uses	Caps Food Packaging Household Goods Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	42		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**

Tensile Strength [1] (Yield)	20.0	MPa	ASTM D638
Tensile Elongation [2] (Break)	5.5	%	ASTM D638
Flexural Modulus - 1% Secant	870	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (-20°C)	58	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.0	°C	ASTM D648
Vicat Softening Temperature	139	°C	ASTM D1525 [3]
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		
3.	Rate A (50°C/h), Loading 1 (10 N)		

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