KPOL-PP K-PPC 24.0

Polypropylene Impact Copolymer

KPOL Chem Co.

Message:

Polypropylene Heterophasic Copolymer
Characteristics
The KPOL® resin is high impact block copolymer which has more ethylene contents than normal block copolymer, designed for injection molding applications, has excellent toughness and good dimensional stability. It is a controlled rheology grade.
Applications
KPOL® K-PPC 24.0 is a high melt flow rate heterophasic copolymer used for general purposes. This product offers excellent processability, easy mould filling, productivity as well as good stiffness/impact strength balance (even at low temperature). Injection Molding of thick parts like housewares, paint pails, buckets, containers, battery cases, toys, Compounds, etc.

General Information			
Additive	Antioxidant Nucleating Agent		
Features	Antioxidant Block Copolymer Controlled Rheology General Purpose Good Dimensional Stability Good Impact Resistance Good Processability Good Stiffness Good Toughness High Flow Nucleated		
Uses	Battery Cases Containers Household Goods Pails Thick-walled Parts Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm^3	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**

Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [1] (Yield)	26.0	MPa	ASTM D638
Tensile Elongation [2] (Break)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-20°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	152	°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