Polyfort FIPP 10T K2369 SIL60765

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

Polyfort FIPP 10 T K2369 SILVER 60765 is a 5% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability, very good surface appearance, very good UV resistance and excellent processability. Formula is improved to offer better aspect, especially on tiger stripes.The product is available in different color matched. This grade is delivered in SILVER 60765 color version.

General

Filler / Reinforcement	• Metallic Flake	• Talc
Processing Method	• Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	30	cm³/10min	ISO 1133
Ash Content (1157°F)	10	%	ISO 3451-1A
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	160000	psi	ISO 527-1/1A/1
Tensile Stress (Yield)	2470	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	8.0	%	ISO 527-2/1A/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-22°F	1.4	ft·lb/in²	
73°F	7.6	ft·lb/in²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-22°F	9.5	ft·lb/in²	
73°F	No Break		
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	145	°F	ISO 75-2/Bf
Deflection Temperature Under Load			ISO 75-2/Af
264 psi, Unannealed	117	°F	
Vicat Softening Temperature			
--	133	°F	ISO 306/B50
--	255	°F	ISO 306/A50
Flammability	**Nominal Value**	**Unit**	**Test Method**
Burning Rate			
0.0787 in	< 3.9	in/min	ISO 3795
0.0787 in	< 3.9	in/min	FMVSS 302

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Injection Rate	Moderate-Fast	