Luranyl® HT 220 E

Polyphenylene Ether + Nylon 66

ROMIRA GmbH

Message:

PPE/PA-Blend, extrusion grade with very high heat resistance

General Information			
Features	Heat resistance, high		
Forms	Particle		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	1.10	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	3.00	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2600	MPa	ISO 527-2/1
Tensile Stress (23°C)	64.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	30	%	ISO 527-2/50
Flexural Modulus [1] (23°C)	2200	MPa	ISO 178
Flexural Stress [2] (23°C)	92.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	215	°C	ISO 306/B50
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 - 100	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	270 - 300	°C	
Mold Temperature	80.0 - 120	°C	
Injection Rate	Moderate		
Screw Speed	12 - 18	rpm	
Injection instructions			
Maximum Residence Time: 4 to 10 minInjection Pressure: moderate to high			
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

Recommended distributors for this material

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