

Technical Data Sheet

LURANYL® HT 220 G6



PPE+PA Blend with 30% glass fibre; impact resistant; very high heat resistance

<i>Properties</i>	<i>Unit</i>	<i>Test Method</i>	<i>Test Conditions</i>	<i>Value*</i>	<i>Remarks</i>
<i>Mechanical</i>					
Tensile Modulus	MPa	ISO 527	23°C 1mm/min	8,400	
Tensile Strength	MPa	ISO 527	23°C 5 mm/min	140	
Elongation at Break	%	ISO 527	23°C 5 mm/min	8	
Impact Strength (Charpy)	kJ/m ²	ISO 179/1eU	80 x 10 x 4 mm 23°C / -30°C	70 / 60	
<i>Physical</i>					
Density	g/cm ³	ISO 1183	23°C, 50% RH	1.32	
Water Absorption	%	ISO 62	23°C, 24 h	< 0.5	
<i>Thermal</i>					
Heat Distortion Temperature (HDT A)	°C	ISO 75	1.80 MPa	210	
Vicat Softening Temperature (B 50)	°C	ISO 306	50°C/h 50N	220	
Melt Volume Rate MVR	cm ³ /10 min	ISO 1133	280°C 5 kg	45	
Moulding Shrinkage	%	ISO 294-4	23°C 3,2 mm	0.2 – 0.5	
Flammability (own test)	Class	UL 94	1.6 mm	HB	

* = Average figures which could vary with each production batch due to addition of pigments, antistatic agents, slip agents, light stabilizers or other additives.

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