KEPAMID® 2333GB

PA66-GB30 — Korea Engineering Plastics Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	**1.1**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**85**	MPa	ISO 527
Strain at break	**5**	%	ISO 527
Flexural modulus, 23°C	**4350**	MPa	ISO 178
Charpy notched impact strength, +23°C	**2.5**	kJ/m²	ISO 179/1eA
Rockwell hardness	**R120**	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**260**	°C	ISO 11357-1/-3
Burning behav. at thickness h	**HB**	class	IEC 60695-11-10
Thickness tested	**0.8**	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	**3.8**	-	IEC 62631-2-1

Other properties	Value	Unit	Test Standard
Humidity absorption	**0.7**	%	Sim. to ISO 62
Density	**940**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80 - 90**	°C	-
Pre-drying - Time	**4 - 8**	h	-
Processing humidity	**≤0.05**	%	-
Mold temperature	**70 - 90**	°C	-
Feed temperature	**60 - 80**	°C	-
Zone 1	**280**	°C	-
Zone 2	**285**	°C	-
Zone 3	**285**	°C	-
Nozzle temperature	**290**	°C	-
Screw speed	**80 - 120**	rpm	-
Back pressure	**0.5 - 1**	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive, Electrical and Electronical