

SCHULAREC PA66 GF30 H K2514

PA6-GF30

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	8000	MPa	ISO 527
Stress at break	154	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Charpy impact strength, +23°C	52	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Other properties			
ISO Data			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183
Material specific properties			
ISO Data			
Viscosity number	145	cm ³ /g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding			
ISO Data			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	60 - 120	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Certifications

Recycled Resin Content

Regional Availability

Europe