



ECOMID® A HH GF30 BK 9004/2A

ECOMID®

General purpose grade, suitable for many technical applications.

Product informa	tı∩	n

Resin Identification	PA66-GF30	ISO 1043
Part Marking Code	>PA66-GF30<	ISO 11469

Rheological properties

Moulding shrinkage range, parallel	0.3 - 0.6 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.6 - 0.9 %	ISO 294-4, 2577

Typical mechanical properties dry/cond.

Tensile modulus	9600/6500	MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	150/105	MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.5/4	%	ISO 527-1/-2
Charpy impact strength, 23°C	45/50	kJ/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	5.5/7.5	kJ/m²	ISO 179/1eA
Poisson's ratio	0.34/0.35 ^[C]		

[C]: Calculated

Thermal properties dry/cond.

Melting temperature, 10°C/min	260/* °C	ISO 11357-1/-3
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dry/cond.

Physical/Other properties

Humidity absorption, 2mm	1.6/*	%	Sim. to ISO 62
Water absorption, 2mm	5.8/*	%	Sim. to ISO 62
Density	1360/-	kg/m³	ISO 1183

Injection

Drying Recommended	yes	
Drying Temperature	80	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Processing Moisture Content	≤0.15	%
Melt Temperature Optimum	285	°C
Min. melt temperature	275	°C
Max. melt temperature	295	°C
Screw tangential speed	≤0.2	m/s
Mold Temperature Optimum	100	°C
Min. mould temperature	70	°C
Max. mould temperature	120	°C

Characteristics

Processing Injection Moulding

Delivery form Granules

Special characteristics Heat stabilised or stable to heat

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Revised: 2024-11-26 Source: Celanese Materials Database





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Automotive

OEM STANDARD

Stellantis B62 0300 /

VW Group 61/215M/217E/H0412(Bradol497)/13

VW Group VW 50133

ADDITIONAL INFORMATION

01994 16 00799

*Best Fitting Grade To PA66-7, Not Officially

Approved

*Best Fitting Grade To PA66-6-A, Not Officially

Approved

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