

Polimaxx ABS GA 800

for Injection moulding

High gloss / high impact

Application:

HOUSING OF ELECTRICAL APPLIANCES ELECTRIC FAN, TELEPHONE, CALCULATOR, TOYS

Moulding Conditions:

Recommended processing temperature	190-240°C
Cylinder Temperature Rear	190°C
Cylinder Temperature Mid	195°C
Nozzle Temperature	200°C
Mould Temperature	50°C
Pre-drying	80°C - 90°C
Drying time	2 – 5 h

Technical Data:

PROPERTY		TEST METHOD	TEST CONDITION	UNIT	VALUE
Melt index		ISO 1133	220°C, 10kg	g/10 min	20
Izod impact strength		ASTM D256	1/4" bei 23°C	J/m	265
Tensile strength		ISO 527-2	23°C	MPa	52
Flexural strength		ISO 178	23°C	MPa	71
Flexural modulus		ISO 178	23°C	MPa	2400
Hardness - Rockwell		ASTM D785	1/4" bei 23°C	R-SCALE	118
Heat deflection temperature under load	(HDT/A) 1,80 MPa	ISO 75-2	1,8 MPa	°C	87
	(HDT/B) 0,45 MPa	ISO 75-2	0,45 MPa	°C	96
Flammability		UL 94			HB
Vicat		ASTM D1525	10kg , 50°C/h	°C	102

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