

## PORENE ABS GA 300

### for Injection moulding

High gloss / high flow

#### Application:

HOUSING OF ELECTRICAL APPLIANCES, Toys

#### Moulding Conditions:

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 / 10min	30	
Izod impact strength	ASTM 180	1/4" bei 23°C	J/m	216	
Tensile strength	ISO 527-2	23°C	MPa	47	
Flexural strength	ISO 178	23°C	MPa	65	
Flexural modulus	ISO 178	23°C	MPa	2300	
Hardness - Rockwell	D 785	1/4" bei 23°C	R-SCALE	112	
Heat deflection temperature under load	(HDT/A) 1,80 M Pa	ISO 75-2	1,8 MPa	°C	86
	(HDT/B) 0,45 M Pa	ISO 75-2	0,45 MPa	°C	94
Flammability	UL 94			HB	

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