

# Technical Data Sheet



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Code:

**EASYMID B SP BKIG**

Description:

**PA6 MEDIUM VISCOSITY PROCESS STABILIZED BLACK**

PROPERTIES	UNITS	VALUE	METHOD
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PHISICAL	SPECIFIC GRAVITY	g/cm <sup>3</sup>	1,12	ISO 1133
	MOISTURE ABSORPTION 24h at 23°C in H2O	%	1,60	INTERNAL
	MOISTURE ABSORPTION saturation	%	1,90	INTERNAL
	MOULDING SHRINKAGE: ALONG FLOW	%	0,7-1,2	INTERNAL
	MOULDING SHRINKAGE: ACROSS FLOW	%	0,8-1,5	INTERNAL

MECHANICAL	TENSILE STRENGHT *	MPa	75	ISO 527-2
	TENSILE MODULUS * <th>MPa</th> <td>2500</td> <th>ISO 527-2</th>	MPa	2500	ISO 527-2
	FLEXURAL STRENGHT * <th>MPa</th> <td>80</td> <th>ISO 178</th>	MPa	80	ISO 178
	FLEXURAL MODULUS * <th>MPa</th> <td>2600</td> <th>ISO 178</th>	MPa	2600	ISO 178
	IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m <sup>2</sup>	5	ISO 180/A

THERM	VICAT/B (50N; 120°C/h)	°C	-	ISO 306
	HDT/A ( 1,8 Mpa)	°C	60	ISO 75-2

FLAMM	FLAME RATING (1,6 mm - 3,2 mm)		HB	UL 94
	GLOW WIRE FLAMMABILITY INDEX (1 mm)	°C	-	IEC 60695-2-12

PROCESSING	PREDRYING TEMPERATURE	°C	80	90	
	PREDRYING TEMPERATURE TIME	h	2	3	
	RECOMMENDED MELT TEMPERATURE	°C	230	260	
	RECOMMENDED MOULD TEMPERATURE	°C	70	90	

NOTE

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**Standard Package:** 25 Kg bag on pallet (130x110) (total 1250kg); 1000kg big.bag/octabin on pallet (110x110)