

SCANBLEND P

AP2060 F20

PBT/ASA



BRINGS OUT THE BEST IN PLASTICS

Fillers: Glass fiber

Feature	Value	Unit	Testmethod
PHYSICAL PROPERTIES			
Density	1,39	g/cm ³	ISO 1183
MFI at 275°C/2.16kg	15	g/10min	ISO 1133
MECHANICAL PROPERTIES			
Flexural modulus at +23°C	6200	MPa	ISO 178
Maximum flexural strength	156	MPa	ISO 178
Maximum tensile strength	100	MPa	ISO 527-2
Elongation at break	4	%	ISO 527-2
Elongation at yield	4	%	ISO 527-2
IMPACT PROPERTIES			
Impact strength	--	--	--
Notched Charpy at +23°C	7	kJ/m ²	ISO 179
Notched Charpy at -20°C	5,5	kJ/m ²	ISO 179
Unnotched Charpy at +23°C	52	kJ/m ²	ISO 179
Unnotched Charpy at -30°C	32	kJ/m ²	ISO 179
THERMAL PROPERTIES			
Heat Distortion Temperature	--	--	--
HDT 120°C/h at 455kPa (B)	215	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)	195	°C	ISO 75/1
Softening temperature	--	--	--
Vicat 50°C/h at 9,81N (A)	215	°C	ISO 306
Vicat 50°C/h at 49,05N (B)	195	°C	ISO 306
FLAMMABILITY PROPERTIES			
Flammability	--	--	--
GWFI at 2 mm	--	°C	IEC 60695-2-12
UL94 at 1.6 mm	--	--	UL94
ADDITIONAL INFORMATION			
Filler content	20	±2%	ISO 3451
Mould shrinkage (with flow)	0,3	%	Polykemi
Mould shrinkage (across flow)	1,1	%	Polykemi
PROCESS INSTRUCTIONS			
Drying time	2-8	h	--
Drying temperature	90	°C	--
Maximal moisture content	<0,02	%	--
Melt temperature	235-250	°C	--
Mould temperature	70-90	°C	--
Peripheral screw speed	300-400	mm/s	--
Back pressure	60-100	bar	--

Further material information is available upon request