

GP40

ABS VERY HIGH FLOWING, GOOD IMPACT
RESISTANCE ANTISTATIC

PROPERTIES	METHODS	UNITS	VALUE
PHYSICAL			
Density	ASTM D792	gr/cm ³	1,05
Water absorbtion 24h	ASTM D570	%	0,3
mould shrinkage along flow	ASTM D955	%	0,4-0,6
Melt flow index (220°C/98N)	ASTM D1238	gr/10'	35
MECHANICAL			
Tensile strenght	ASTM D638	MPa	40
Tensile modulus	ASTM D638	MPa	2500
Elongation at break	ASTM D638	%	-
Flexural modulus	ASTM D790	MPa	2300
IZOD impact strenght notched 3,2 mm	ASTM D256	J/m	150
ROCKWELL hardness	ASTM D795	R	-
THERMAL			
Heat distorsion temperature HDT 1,82 N/mm ²	ASTM D648	°C	90
VICAT softening point 49N	ASTM D1525	°C	97
Coeff. Off thermal expansion	ASTM D696	x10 E-5/K	8,5
ELECTRICAL			
Dielectric strenght	ASTM D149	kV/mm	-
Tracking resistance (CTI)	IEC 112	V	-
FLAMMABILITY			
UL 94 flammability	UL 94	3,2 mm	HB
Oxigen index	-	%	-
PROCESSING DATA			
Cycle time		FAST	
Injections moulding temperature		210-240°C	
Mould temperature		40-60°C	

2[^] edition

Previous informations are only indicative.
Their purpose is to improve our products usage
This publication doesn't cause any responsibility in our behalf