



Technical Data Sheet

ABS MZ341

ABS IQ general purpose medium flow

PROPERTIES	NORM		UNIT	VALUE
	ISO	ASTM		
GENERAL				
Density	1183	D792	g/cm ³	1.05
Linear mould shrinkage	/	D955	%	0.4-0.7
Melt Flow Index 220°C/10Kg	1133	D1238	g/10 min	16
TERMICHE/ THERMAL				
VICAT A50	306	D1525	°C	100
VICAT B50	306	D1525	°C	93
HDT/A (annealed)	75	D648	°C	91
Ball pressure test 75°C	IEC 335		°C	-
MECHANICAL				
Tensile strength (yield)	527	D638	Mpa	40
Tensile strength (break)	527	D638	MPa	32
Elongation at break	527	D638	%	25
Flexural modulus	178	D790	MPa	2600
Izod Impact +23°C (notched)	180/1A	D256	KJ/m ²	11
Izod Impact -23°C (notched)	180/1A	D256	KJ/m ²	5
FLAMMABILITY				
Flammability 3,2 mm	UL94		-	HB
Flammability 1.6 mm	UL94		-	HB
Glow Wire Flammability Index 2,0 mm	IEC 60695-2-12		°C	650
Burning rate	FMVSS 302		mm/min	-
ELECTRICAL				
Dielectric rigidity (Oil 1mm)	IEC 60243-1		KV/mm	-
Surface resistivity	IEC 60093		Ohm	-
Volume resistivity	IEC 60093		Ohmxcm	-
CTI Comparative Tracking Index	IEC 60112		V	-