

Opole 20.01.2022

Material Data Sheet: ABS

ABS granulated

Form: granules, colour: black

Properties	Test method	Test conditions	Units of measurement	Value
PHYSICAL				
Density	ISO 1183		g/cm ³	1,05
Flow index MFR	ISO 1133	250°C/2,16 kg	g/10 min	14,06
Processing shrinkage	ISO 394-4	60x60x2	%	
Moisture amount			%	0,13
MECHANICAL				
Breaking strain	ISO 527	5 mm/min	MPa	52
Elongation after fracture	ISO 527	5 mm/min	%	4,6
Elastic modulus under stretching	ISO 527	1 mm/min	MPa	2464
Charpy impact toughness	ISO 179	20 °C	kJ/m ²	6,2
COMBASTIBILITY				
Combustibility	UL94	1,5 mm	class	HB

Mass temperature: 200 – 230 C

Form temperature: 20 - 80 C

Information regarding drying before processing:

This product should be dried at 60 C in 2 hours' time.

Packaging: octabin up to 1000 kg, big bags.

Translated by M.Fox / PROINVEST LLC