

July 2022

**TECHNICAL DATA SHEET – ABS 90090 EU51**

Material	ABS ( Acrylnitril-Butadien-Styrol )
Product articl No	90090 EU51
Color	Black
Form	Granules



Properties	Norm & Parameters	Value	Unit
PCR content	EN 15343:2007	≥90	%
Melt flow index, MFI	DIN EN ISO 1133-1 ( 220° 10kg )	30	g/10min
Density	DIN EN ISO 1183-1 ( 23°C )	1.07	g/cm <sup>3</sup>
Vicat softening temp.	DIN EN ISO 306 ( Methode B 50°C/h 50N )	>90	°C
E-Modulus	DIN EN ISO 527 ( 23°C )	2100	Mpa
Tensile strength		40	MPa
Charpy notched	DIN EN ISO 179 ( 23°C )	10	kJ/m <sup>2</sup>
Izod	DIN EN ISO 180/A1	11.5	kJ/m <sup>2</sup>

Material is REACH and ROHS 3.0 Compliant