

NOVODUR® SBM-90

Drinking water & food contact approved material in a variety of colours



REGULATORY COMPLIANT ALTERNATIVE
AS DROP-IN SOLUTION FOR ABS

Novodur® SBM-90 was developed in order to meet the stringent standards of the European drinking water and food contact regulations. In addition, Novodur® SBM-90 is now also FDA compliant. The grade was designed as a drop-in solution for running ABS systems with demanding regulatory requirements, such as bowls, food containers, cups and various sanitary applications. Novodur® SBM-90 is available as uncoloured resin or in a variety of regulatory compliant pre-coloured versions.

PROPERTY	NORM	UNIT	Novodur SBM-90	Novodur M210TF*
MVR (220 °C/10 min)	ISO 1133	cm³/10 min	13	32
Charpy (notched, 23 °C)	ISO 179/1eA	kJ/m²	15	16
Hardness	ISO 2039-1	MPa	88	106
Vicat (VST/B/120)	ISO 306	°C	91	101
HDT A	ISO 75	°C	90	94
Tensile modulus	ISO 527	MPa	2000	2450
Stress at yield	ISO 527	MPa	40	46
Strain at yield	ISO 527	%	2,5	2,6
Flexural modulus	ISO 178	MPa	2100	2450
Flexural strength	ISO 178	MPa	55	65
Density	ISO 1183	kg/m³	1100	1050

*INEOS Styrolution's ABS offering for food contact applications

VALUE PROPOSITION

- Chemical resistance vs. cleaning agents
- Flowability
- Impact strength
- Metallisation feasible



KEY APPROVALS

- Drinking water
 - WRAS
 - ACS
 - KTW
 - W270
- Compliant with food contact regulations (EU & FDA – conditions C to G)



FOCUS APPLICATIONS

- Salad bowls
- Sanitary appliances (shower heads)
- Cups & lids
- Coffee pots
- Food containers
- Food packaging
- Tableware

