KYRON
POLYMER SOURCING & TRADING

TECHNICAL DATASHEET
Ref. KY-SBS-W · Rev. 10/2026

SBS Regranulate – White

Styrene-butadiene-styrene (SBS) block copolymer regranulate. Two rigid polystyrene end blocks give strength, while the central polybutadiene block gives rubber-like elasticity: the material behaves like a vulcanised rubber at room temperature yet processes as a thermoplastic. Suitable as impact modifier for styrenic polymers (PS, HIPS, ABS) and for bitumen, footwear and TPE compounding.

GENERAL	
Application	**Impact modifier**
Form	**Regranulate**
Colour	**White**
Granule size	**3 – 4 mm**

PROPERTIES	Typical value	Test method
Melt flow index (200 °C / 5 kg)	**6.55 g/10 min**	EN ISO 1133
Polybutadiene content	**58 %**	^{1}H-NMR
Vicat softening temperature	**50.9 °C**	EN ISO 306
Charpy impact strength	**24.5 kJ/m²**	EN ISO 179-1
Shore A hardness	**100**	DIN 53505

PACKAGING Big bags on pallets

The values reported are typical values and are not to be considered as specification limits. As a recycled material, minor batch-to-batch variations may occur. The information is given in good faith and does not release the user from verifying the suitability of the product for the intended process and application. Samples and lot certificates are available on request.

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