

**Network Polymers SBS 1000**

SB

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>11</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.004</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>22.8</b>	MPa	ASTM D 638
Flexural Modulus	<b>1724</b>	MPa	ASTM D 790
Flexural Strength	<b>37.2</b>	MPa	ASTM D 790
Shore D Hardness	<b>65</b>	-	ASTM D 2240

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>76.7</b>	°C	ASTM D 648
Vicat Temperature	<b>90.6</b>	°C	ASTM D 1525

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Haze	<b>4</b>	%	ASTM D 1003

**Characteristics****Features**

Copolymer

**Regional Availability**

North America

**Certifications**

Food approval FDA 21 CFR