

**Lustran® 308 NR**

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	2206	MPa	ASTM D 638
Tensile Strength at Yield	36.2	MPa	ASTM D 638
Flexural Modulus	2448	MPa	ASTM D 790
Flexural Strength	72.4	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	171	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	88.9	°C	ASTM D 648
DTUL @ 264 psi	75.6	°C	ASTM D 648
Vicat Temperature	106	°C	ASTM D 1525

**Characteristics****Applications**

Medical

**Regional Availability**

North America, South and Central America