

Lustran® 720

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6.5	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1.999	MPa	ASTM D 638
Tensile Strength at Yield	37.2	MPa	ASTM D 638
Izod Impact notched, 1/8 in	294	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	128	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	104 ^[ann.]	°C	ASTM D 648
ann.: annealed			

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	43.3 - 65.6	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Certifications

Drinking water contact, Drinking water contact NSF 61