

Lustran® 620

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength at Yield	38.6	MPa	ASTM D 638
Tensile Strength at Break	31.7	MPa	ASTM D 638
Elongation at Break	45	%	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Izod Impact notched, 1/8 in	272	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	90.7	J/m	ASTM D 256
Temperature	-17.8	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	97.8 ^[ann.]	°C	ASTM D 648
ann.: annealed			

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	216 - 241	°C	-

Characteristics**Processing**

Other Extrusion

Features

Melt Strength

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Refrigeration

Regional Availability

North America, South and Central America