

Lustran® 556

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	1517	MPa	ASTM D 638
Tensile Strength at Yield	19.3	MPa	ASTM D 638
Tensile Strength at Break	22.1	MPa	ASTM D 638
Flexural Modulus	1448	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	53.4	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	97.2	E-6/K	ASTM D 696
DTUL @ 66 psi	96.1	°C	ASTM D 648
DTUL @ 264 psi	86.1	°C	ASTM D 648
Processing Recommendation Extrusion			
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	216 - 249	°C	-

Characteristics**Processing**

Other Extrusion, Thermoforming

Features

Melt Strength

Applications

Automotive

Regional Availability

North America, Asia Pacific, South and Central America