

Lustran® 248FC

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength at Yield	46.9	MPa	ASTM D 638
Flexural Modulus	2689	MPa	ASTM D 790
Flexural Strength	73.8	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	224	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	81	E-6/K	ASTM D 696
DTUL @ 66 psi	100 ^[ann.]	°C	ASTM D 648
DTUL @ 264 psi	86.1	°C	ASTM D 648

ann.: annealed

Characteristics**Features**

High Gloss

Certifications

Food contact

Applications

Medical

Regional Availability

North America, South and Central America