

Matrixx 95N5156

(PC+ABS)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength at Yield	57.9	MPa	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
ISO Data	Value	Unit	Test Standard
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	107	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	1190	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Special Characteristics

Flame retardant