

Diamond ABS 3501 E Black 1300

ABS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	44.8	MPa	ASTM D 638
Flexural Modulus	2344	MPa	ASTM D 790
Rockwell Hardness	R 108	-	ASTM D 785
Izod Impact notched, 1/8 in	320	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	77.2	°C	ASTM D 648
Vicat Temperature	104	°C	ASTM D 1525
Other properties			
Density	1050	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion

Delivery form

Black

Special Characteristics

High impact or impact modified

Regional Availability

North America