

Diamond ABS 2100 P

ABS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength at Yield	49.6	MPa	ASTM D 638
Flexural Modulus	2482	MPa	ASTM D 790
Rockwell Hardness	R 104	-	ASTM D 785
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
DTUL @ 264 psi	79.4	°C	ASTM D 648
Vicat Temperature	103	°C	ASTM D 1525
Other properties			
ASTM Data	Value	Unit	Test Standard
Density	1060	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Powder

Regional Availability

North America