

VYTEEN ABS 2904

ABS

Lavergne

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.008	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength at Yield	39	MPa	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	66	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	170	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, B	86	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	80	°C	ASTM D 648
Other properties			
Density	1050	kg/m ³	ISO 1183
Density	1070	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America