

Adstif EA648P

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1700	MPa	ISO 527
Yield stress	32	MPa	ISO 527
Yield strain	5	%	ISO 527
Strain at break	50	%	ISO 527
Charpy impact strength, +23°C	135	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
Ball indentation hardness	71	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Vicat softening temperature, B	84	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	70	-	ASTM D 2457

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

High Crystallinity, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Electrical and Electronical, Packaging

Regional Availability

Europe, Near East/Africa