

Adstif EA648P

PP COPO

LyondellBasell Industries

Rheological properties	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
MFI temperature	230	°C	-
MFI 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
Impact Strength (Charpy), +23°C	135	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +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, 50°C/h 50N	84	°C	ISO 306

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

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

Characteristics
Processing

Injection Molding

Special Characteristics

Impact modified

Features

High Crystallinity, Copolymer, Impact Copolymer

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Electrical and Electronical, Packaging