

LOTTE CHEMICAL

May. 2017

POPELEN E-332BK2
TPO

General Information

● Characteristics

High Stiffness, High Impact Strength, Good Moldability

● Application

◆ Automotive Part

Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Rate	ASTM D1238	g/10min	15
Density	ASTM D792	g/cm ³	0.91
Mechanical			
Tensile Stress at Yield	ASTM D638	kgf/cm ²	225
Elongation at Break	ASTM D638	%	550
Flexural Modulus	ASTM D790	kgf/cm ²	8,400
Flexural Strength	ASTM D790	kgf/cm ²	230
IZOD Impact Strength (23°C)	ASTM D256	kg·cm/cm	NB
IZOD Impact Strength (-30°C)	ASTM D256	kg·cm/cm	7.6
Thermal			
HDT (0.45MPa)	ASTM D648	°C	88

General Condition

Dry Condition	80°C, 2hr
Injection condition	180~220°C

Notes

ISO 9001, 14001, /TS 16949

¹ Physical Properties : There are not to be construed as specifications

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