

PP
PP7032E3

ExxonMobil

Product Description

Manufacturer	ExxonMobil Chemical Company
Material ID	>PP Copolymer<
UL File NO.	E225564
Material Shape	Pellet

ASTM

Physical	Condition	Standard	Value	Unit
Density		ASTM D792	0.9	g/cm ³
Melt Index	230°C / 2.16Kg	ASTM D1238	4	g/10min
Hardness	Condition	Standard	Value	Unit
Rockwell Hardness		ASTM D785	88	M(Scale)
Mechanical	Condition	Standard	Value	Unit
Tensile Strength	23°C	ASTM D638	23.9	MPa
Tensile Elongation	23°C	ASTM D638	7.3	%
Flexural Modulus	23°C	ASTM D790	1100	MPa
Izod Not Impact	23°C	ASTM D256	NB	J/m
Thermal	Condition	Standard	Value	Unit
HDT	0.45MPa Unannealed	ASTM D648	88.6	°C
HDT	1.80MPa Unannealed	ASTM D648	113	°C
Flame Retardancy	Condition	Standard	Value	Unit
FR Class	ALL	UL-94	HB	1.50mm
FR Class	ALL	UL-94	HB	3.00mm

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