

Fog lamp cover solution with Achieve™ Advanced PP and Exact™ polyolefin elastomers



Achieve Advanced PP7985E1 can provide outstanding anti-tiger stripe performance.



Achieve Advanced PP8285E1 shows high impact and stiffness balance.



Exact 9162 provides excellent low temperature toughness.



Grade	MFR (230°C/2.16 kg g/10 min)	Tensile stress at yield MPa	Flexural modulus 1% secant (2.0 mm/min) MPa	Flexural modulus 1% secant (1.3 mm/min) MPa	Notched Izod Impact (23°C) J/m	Notched Izod Impact (23°C) kJ/m ²	Heat Deflection Temperature (0.45 MPa) °C
Achieve™ Advanced PP8285E1	30	19.9	1020	993	No Break	46	82.8
Achieve™ Advanced PP7985E1	65	29.4	1610	1590	60	6.1	108
Test based on	ASTM D1238	ISO 527-2	ISO 178	ASTM D790A	ASTM D256A	ISO 180/1A	ISO 75-2/B

Values given are typical and should not be interpreted as specifications. Data generated by or on behalf of ExxonMobil Product Solutions. Test methods are based on the ASTM and/or ISO standards. Achieve™ Advanced PP8285E1 data PDS effective date: 01/01/2017. Achieve™ Advanced PP7985E1 data PDS effective date: 03/04/2022.



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Machine model: t-win SE 6500-2310

Machine specifications:

Clamping force: 500 KN

Product: Fog lamp cover

Mold dimensions: H850 * V500 * SH660

Screw diameter: 70 mm

Hot runner: Yes

Part weight: 203 g

Cavity: 2

Cycle time: 45 s

Material: PP

