



# Achieve<sup>™</sup> Advanced PP8285E1 in Automotive 2 Wheeler Rear fender part



Key benefits						
	Step-out toughness and stiffness					
	30 MFR reactor grade					
Perfy	No-break (Room Temperature Notched Izod Impact)					
	Better ductility at low temperature					
$\overline{\mathbf{v}}$	Plastomer reduction potential					
EF D	Multi-region supply					

\*Above data in graph indicated for reference purpose only

Grade	MFR (230°C/2.16 kg) g/10 min	Tensile stress at yield MPa	Flexural modulus (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 <sup>2</sup>	Heat Deflection Temperature (0.45 MPa) °C
Achieve <sup>™</sup> Advanced PP8285E1	30	19.9	1020	993	No Break	46	82.8
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 Chemical Test methods are based on the ASTM and/or ISO standards. Above data PDS effective date: 01/01/2017

ExxonMobil Plastindia 2023 microsite:



### Advancing sustainable solutions and productivity.

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## KL Series - Patented Two Platen Technology

Patented, Real Two Platen Technology – KL series machines, absolutely Made in India caters mainly Automotive, White Goods, Construction, Material handling, Furniture, Industrial and many more application due to its high-end versatility.

#### **Expectant features include:**

- Patented jaw clamping system
- Higher reliability & repeatability higher uptime
- Smaller footprint
- Larger size platens & tie bar distance
- Short & free tie bar
- Higher daylight

#### KL live at PLASTINDIA 2023 (Automotive application):

- Enhanced mould life
- Larger mould weight carrying capacity
- Lesser maintenance
- Cost effectiveness and efficiency with minimal resource consumption

KL 650 ton machine with servo controlled mechanism & having industry best attributes produces an automotive component - **Rear Fender** for Two Wheeler.

This 650 ton machine is fully equipped with industry best auxiliary equipment & automation system to produce approx. 1,800 Fenders per day from ICP (ExxonMobil).

#### Machine: KL 650/IU 7500

- Screw Diameter: 110 mm
- Injection Pressure: 1579 bar
- Shot Weight Capacity: 4514 g (GPPS)
- Plasticizing Rate: 140 g/s
- Clamping Force: 650 ton
- Tie bar Distance: 1085 x 1035 mm
- Min/Max. Mould Height: 400/1050 mm
- Daylight: 2200 mm
- Pump Drive (Servo): 33.9 kW

#### Product: Fender Rear (2 Wheeler)

- Raw Material: ICP (Impact Copolymer Polypropylene)
- Shot Weight: 715 g
- Cycle Time: 48 sec
- Output: 1,800 Fenders/day





Windsor booth at Plastindia: Hall 12A-H-A-4 For more information: windsormachines.com