# **E**x on Mobil

## Polypropylene containing recycled content enhanced with Vistamaxx<sup>™</sup> performance polymers for use in high performance raffia tapes



Vistamaxx<sup>™</sup> performance polymers are olefinic elastomers-based on ExxonMobil Chemical's proprietary metallocene technology. Blending 3% to 5% Vistamaxx polymer into recycled content PP can help enable high levels of recycled content incorporation while maintaining basic tape properties.

### **Potential Benefits:**



Polymer properties	Vistamaxx 3980FL	Vistamaxx 6202	Test method* (based on)	Unit
Melt mass-flow rate (MFR) (230°C/2.16kg)	8	20	ExxonMobil method	g/10 min
Ethylene content	9	15	ExxonMobil method	wt%
Density	0.879	0.862	ExxonMobil method	g/cm <sup>3</sup>

Note: Ref PDS effective date: 7/14/2020

\*For detailed product information, please consult the individual grade data sheet, available on our website: www.exxonmobilchemical.com Values given are typical and should not be interpreted as specifications. Data generated by or on behalf of ExxonMobil Chemical.

ExxonMobil Plastindia 2023 microsite:



### Advancing sustainable solutions and productivity.

For more information: exxonmobilchemical.com/vistamaxx ExxonMobil booth: 2H-GF-A-2

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# POLYSTAR

### Machine Model: Repro One 85

#### **Benefits:**

- Integrated shredder
- No need to pre-crush
- Handle wide range of sizes & shapes
- Die face pelletising
- Lower material costs

#### Machine Details:

- Output: 150-250kgs/hr
- Screw Diameter: 85mm
- L/D: 32
- Screw material : SACM-465
- Cutting Type: Hot die face pelletizing (Water ring pelletizer)
- Recycling Material: PP raffia, woven bags
- Degassing: Single or double vented degassing
- Optional Devices: Metal detector(S+S) , Additive feeder for masterbatch, Centrifuge dryer for drying





Polystar booth at Plastindia: Hall 7-E-A2A For more information: www.polystarco.com