

TWO COLOURS



ONE DIRECTION

# TIPPLEN R 1059 A

**POLYPROPYLENE TIPPLEN R 1059 A** is a new developed random copolymer grade for thin wall injection moulding with very high MFR value and with high modulus

## **BENEFITS:**

- **TIPPLEN R 1059 A** has very good flowability, it means that the filling of the mould is easy and fast
- Products made from **TIPPLEN R 1059 A** have very good transparency and gloss
- Because of the high fluidity this grade is applicable for thin wall products and for products with very complex geometry

	Test method	Units	TIPPLEN R 1059 A
Melt mass flow rate (MFR) (2.16 kg/230 °C)	ISO 1133	g/10 min	85
Tensile strength at yield	ISO 527	MPa	31
Tensile elongation at yield	ISO 527	%	12.5
Modulus of elasticity in tension	ISO 527	MPa	1200
Flexural modulus	ISO 178	MPa	1250
Izod impact strength (notched, 23 °C)	ISO 180/1A	kJ/m <sup>2</sup>	4.5
Rockwell hardness	ISO 2039	-	86
HDT (0.46 N/mm <sup>2</sup> )	ISO 75	°C	87

These are typical properties, not to be used as specification.

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**KEY FEATURES:**

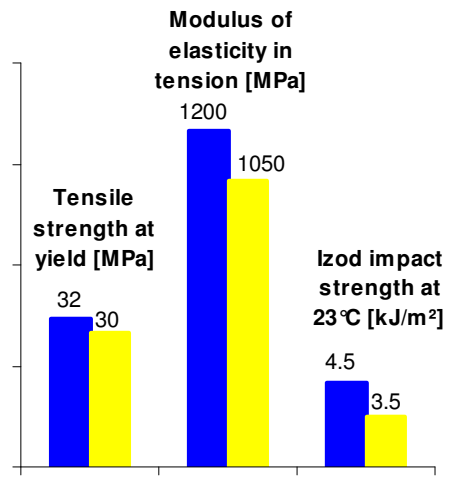
- Excellent flowability
- Excellent transparency and gloss
- Good stiffness
- Decreased cycle time



**TARGET APPLICATION:**

- Thin walled packaging for cosmetics, toiletres, herbs, foodstuff... etc.,
- Household articles, kitchen accessories (for microwave use also)
- Interesting alternative to PS and PVC
- Lids, buckets

**TIPPLEN R 1059 A compared to competitor grade**



■ Tipplen R 1059 A    ■ Competitor grade (MFR = 75 g/10 min)

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**DISCLAIMER**

The information provided in this publication has been compiled to the best of our present knowledge. However, in view of the various applications of polypropylene resins and the equipment used, the processing conditions may differ. The recommendations and data herein are to be construed as informative only and do not relieve users from carrying out their own tests and experiments prior to processing in order to check suitability for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. Our products are under continuous development, therefore we reserve the right to change the information presented in this brochure at our own discretion.

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