

TWO COLOURS



ONE DIRECTION

TIPPLEN K 1150

POLYPROPYLENE TIPPLEN K 1150 is a new developed impact copolymer grade for thin wall injection moulding with very high MFR value and with high modulus

Product News

BENEFITS:

- **TIPPLEN K 1150** has very good flowability, it means the filling of the mould is easier
- The cycle time can be shorter than in case of TIPPLEN K 1048 (the productivity is better)
- The products made from **TIPPLEN K 1150** keep their stiffness at higher temperature also (see HDT)
- At same stress / application the products can be produced with lower wall thickness (lower material demand)

	Test method	Units	TIPPLEN K 1150	TIPPLEN K 1048
Melt mass flow rate (MFR) (2.16 kg/230 °C)	ISO 1133	g/10 min	100	70
Tensile strength at yield	ISO 527	MPa	32	23.5
Tensile elongation at yield	ISO 527	%	5	6
Modulus of elasticity in tension	ISO 527	MPa	1750	1150
Flexural modulus	ISO 178	MPa	1700	1100
Izod impact strength (notched, 23 °C)	ISO 180/1A	kJ/m ²	4	7
Izod impact strength (notched, -20 °C) *	ISO 180/1A	kJ/m ²	2	4
HDT (0.46 N/mm ²)	ISO 75	°C	120	98
Rockwell hardness	ISO 2039	-	95	78

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

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KEY FEATURES:

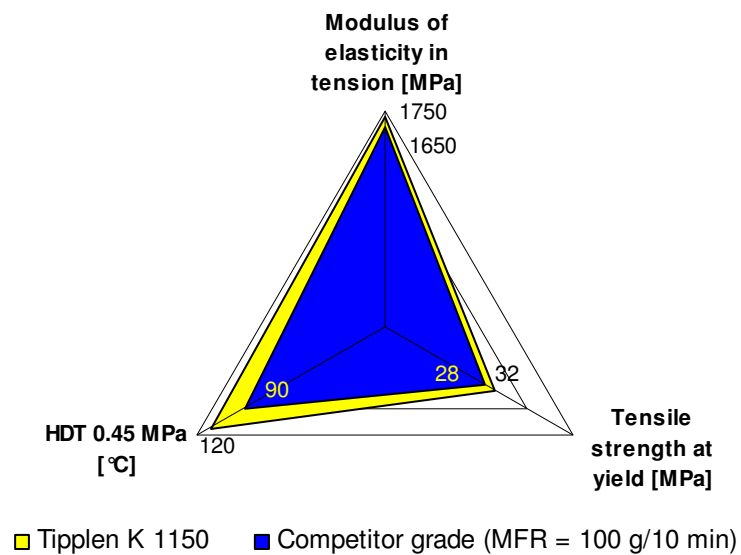
- Excellent flowability
- High stiffness
- Controlled rheology
- Decreased cycle time
- Good dimensional stability



TARGET APPLICATION:

- Thin walled products for packaging industry
- Household articles, kitchen accessories
- Pails
- Lids, buckets

TIPPLEN K 1150 compared to competitor grade



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MANUFACTURER:

TVK Plc.
P.O.B. 20
H-3581 Tiszaújváros
Hungary
Internet: <http://www.tvk.hu>
E-mail: polymersales@tvk.hu

For further information and Technical data sheets please visit our websites: www.slovnaft.sk, www.tvk.hu or contact customerservice@tvk.hu or your sales representative.

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