

TWO COLOURS



ONE DIRECTION

# TIPPLEN K 850

**POLYPROPYLENE TIPPLEN K 850** is a new developed bimodal, high molecular weight impact copolymer grade for pipe extrusion and for fittings

Product News

### **BENEFITS:**

- **TIPPLEN K 850** compare to TIPPLEN K 899 grade has higher Flexural modulus
- Because of the higher HDT value the products made from **TIPPLEN K 850** keep their stiffness at higher temperature too

	Test method	Units	TIPPLEN K 850	TIPPLEN K 899
Melt mass flow rate (MFR) (2.16 kg/230 °C)	ISO 1133	g/10 min	0.2	0.35
Tensile strength at yield	ISO 527	MPa	36	27
Tensile elongation at yield	ISO 527	%	10	14
Modulus of elasticity in tension	ISO 527	MPa	1750	1100
Flexural modulus	ISO 178	MPa	1900	1050
Izod impact strength (notched, 23 °C)	ISO 180/1A	kJ/m <sup>2</sup>	52	54
Izod impact strength (notched, -20 °C) *	ISO 180/1A	kJ/m <sup>2</sup>	4.5	7
HDT (0.46 N/mm <sup>2</sup> )	ISO 75	°C	116	90
Rockwell hardness	ISO 2039	-	85	60

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

### **KEY FEATURES:**

- Excellent heat and detergent resistance
- High stiffness
- High impact resistance



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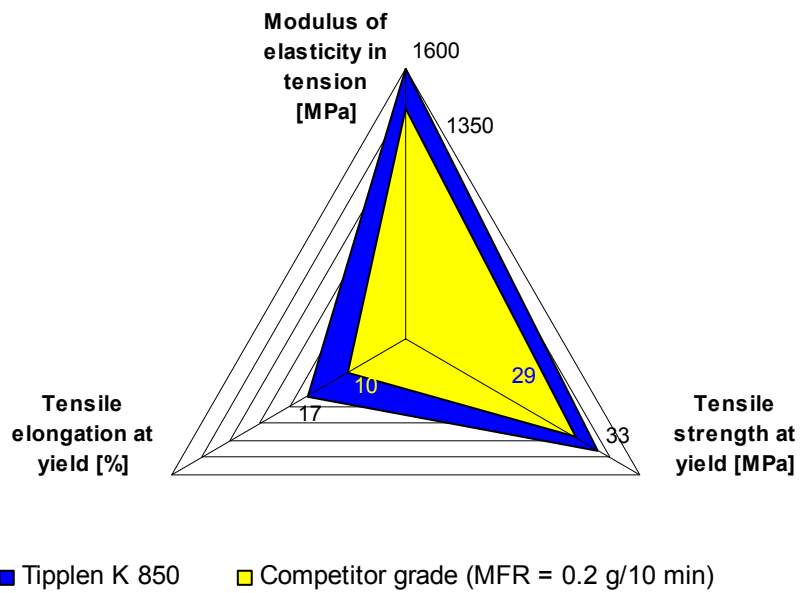


**TARGET APPLICATION:**

- Blow moulded appliance components
- For wheels, toolboxes
- Large containers
- Under the hood automotive parts
- Pipes, corrugated pipes, fittings



**TIPPLEN K 850 compared to competitor grade**



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**DISCLAIMER**

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