

# Impact copolymers for classic automotive batteries



## Features & Benefits

- High meltflow for fast processing
- High impact and Stiffness
- Heat stabilized for optimal welding
- Non nucleated
- High HDT
- Recyclable

Properties	Unit	Reference Method	Reference	Comparison		
				Braskem	Reference	Braskem
				CSP70H		DCSP50.02
MFR	g/10min	ISO 1133	7	7	2	5,5
Tensile Modulus	MPa	ISO 527	1200	1400	1400	1400
Tensile Stress at Yield	MPa	ISO 527	26	27	26	26
Tensile Strain at Break	%	ISO 527	>50	>50	>50	>50
Tensile Strain at Yield	%	ISO 527	8	7	8	7
Charpy Notched at 23 °C	kJ/m <sup>2</sup>	ISO 179	7,5	8	35	32
Charpy Notched at -20 °C	kJ/m <sup>2</sup>	ISO 179	3,5	4	6	6,5
Vicat (A50)	°C	ISO 306	148	152	149	151
HDT B	°C	ISO 75B	70	90	88	88