

Premium precision plastic mould steel for lens moulding

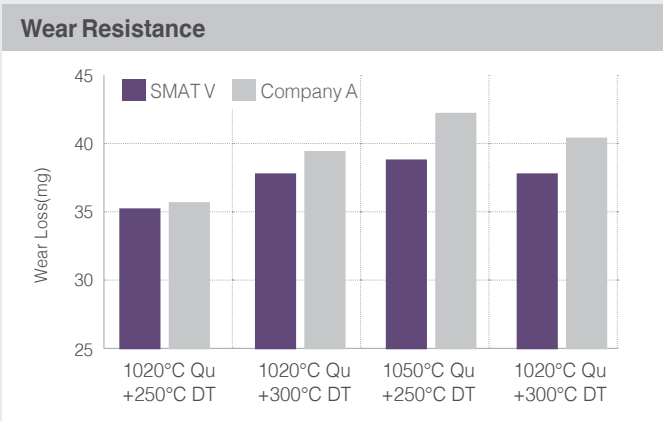
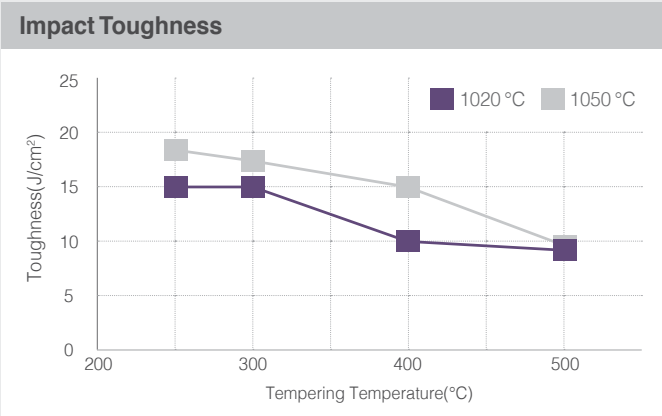
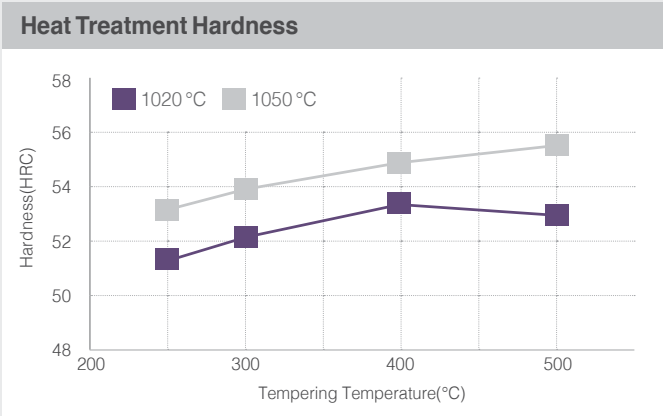
SMAT V is a modified steel grade based pm STS420J2 which show great corrosion resistance and shows excellent wear resistance, corrosion resistance and mirror surfacing properties. In addition, it features excellent Ni plating and peelability, making it suitable for use as an aspherical lens mould.

Applications

Ideal for use as a resin injection mould in a harsh corrosive environment, thermoset resin and high fiber glass content, and can be used as aspherical lens injection mould because of its excellent mirror surfacing and Ni plating properties.

Hardness	Mirror finish
HRC 50~55	#10,000~#14,000

Mechanical Properties



Equipment	OGOSHI Type
Material	WC
Hardness	HRC 77
Diameter	30mm
Thickness	3.2mm
Rotation speed	1.58m/sec
Machining length	200m

Structural Comparison

