

Technical Data Sheet (ASTM)

**ASA(Acrylonitrile Styrene Acrylate)
XC500A**

Features Excellent weatherability, heat stability and chemical resistance
Applications Weatherable impact modifier (with ASA, ABS, PC, PVC etc.)

Physical		Value
Appearance		White Powder
Rubber Content		50 %
Rubber Particle Size		3,500 Å
Bulk Density		0.34 g/cm ³
Particle Distribution		
On 20mesh		<30 %
Through 140mesh		<30 %
Mechanical	Test Method	Value
Tensile Strength	ASTM D638	430 kgf/cm ²
Izod Impact Strength(3.2mm, 23°C)	ASTM D256	14 kgf-cm/cm
Melt Flow Index (220°C, 10kg)	ASTM D1238	16 g/10min

Notes

These are just typical properties, not specifications. Users should confirm results by their own test.

These are mechanical properties of ASA powder compounded with SAN

< Rubber contents : 22% & SAN : 26% AN >