

Technical Data Sheet (ASTM)

**ABS(Acrylonitrile Butadiene Styrene)
HR181**

Features Excellent impact strength, chemical resistance and good compatibility
Applications Impact modifier (with ABS, PC, PP, PVC, EP etc.)

Physical		Value
Appearance		White Powder
Rubber Content		58.5 %
Rubber Particle Size		3300 Å
Bulk Density		0.37 g/cm ³
Particle Distribution		
On 20mesh		<30 %
Through 140mesh		<30 %
Mechanical	Test Method	Value
Tensile Strength	ASTM D638	465 kgf/cm ²
Izod Impact Strength(6.4mm, 23°C)	ASTM D256	30 kgf-cm/cm
Melt Flow Index (200°C, 21.6kg)	ASTM D1238	22 g/10min

Notes

These are just typical properties, not specifications. Users should confirm results by their own test.
 These are physical properties of g ABS powder compounded with 70% of SAN
 Above mentioned SAN is KUMHO SAN 350 that has 32% of acrylonitrile.