

ASA				
Manufacturer : Lotte Advanced Material Brand Name : STAREX				
Property	Test Method	Condition	Unit	ASA WX-9300UV
Specific Gravity	ASTM D792	Natural or representative color	-	1.08
Melt Flow Index	ASTM D1238	220°C 10kg	g/10min	10
Mold Shrinkage(MD)	ASTM D955	Flow at 3.2mm(MD)	%	0.4-0.7
Mold Shrinkage(TD)	ASTM D955	X-Flow at 3.2mm(TD)	%	0.4-0.7
Tensile Strength at Yield	ASTM D638	5mm/min	kgf/cm ²	440
Tensile Strain at Break	ASTM D638	50mm/min	%	
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	630
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	20000
Izod Impact Strength (notched)	ASTM D256	1/4 inch at 23°C	kgf/cm.cm	16
Rockwell Hardness	ASTM D785	R-scale		104
VICAT Softening Temperature	ISO R 306	B/50	°C	98
Flammability	UL 94		Recognized	HB