

## ASTM Property

<b>Grade</b>	UC414
<b>Product</b>	LLDPE

### General Information

Key Features - Good Silane Crosslinking Processability

Applications Moisture-crosslinked cable base resin, Compounding

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	2.8
Density	ASTM D1505	g/cm <sup>3</sup>	0.919
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	300
Tensile Strain (Break)	ASTM D638	%	>500
ESCR	ASTM D1693	F50 Hours	>500
<b>Electrical</b>			
Dielectric constant	ASTM D150	-	2.3
Dissipation factor	ASTM D150	-	0.0002
Volume resistance	ASTM D257	Ω·cm	>10 <sup>15</sup>
Dielectric strength	ASTM D149	kV/mm	>30

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001

\* The last update date : 2026/06/01