

ASRENE® SF5008E

(PE-HD)

Chandra Asri Petrochemical

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.05	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Flexural Modulus	1100	MPa	ASTM D 790
Thermal properties			
ASTM Data			
Melting Temperature	132	°C	ASTM D 3418
Other properties			
Density	950	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Tensile Modulus, MD	850	MPa	ASTM D 882
Tensile Modulus, TD	1050	MPa	ASTM D 882
Tensile Strength at Break, MD	100	MPa	ASTM D 882
Tensile Strength at Break, TD	55	MPa	ASTM D 882
Elongation at Break, MD	500	%	ASTM D 882
Elongation at Break, TD	700	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.02	mm	-

Characteristics**Processing**

Blown Film Extrusion

Delivery form

Pellets, Natural Color

Features

Low Odor, Copolymer, Hexene Copolymer

Certifications

Biodegradable, Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific