

Marvel™ M10

PE

SCG Chemicals Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	20	MPa	ASTM D 638
Tensile Strength at Break	18	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Flexural Modulus	700	MPa	ASTM D 790
Shore D Hardness	60	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	120	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	938	kg/m ³	ASTM D 792

Characteristics**Processing**

Rotational Molding

Certifications

Food contact, Food approval FDA 21 CFR

Delivery form

Granules, Powder, Black

Regional Availability

Asia Pacific