

ARMLLEN® PP TPE 11-40D

Properties	Test method	Unit	Typical value
CHARACTERISTICS			
Delivery form	Pellets		
Color	BLACK		
Processing	Injection molding		
Environmental resistance:			
- UV			Excellent
- polar solvents			Excellent
- ozone			Excellent
- water			Excellent
- detergent			Excellent
- sulfuric acid			Excellent
PHYSICAL-MECHANICAL			
Shore Hardness (Shore D, 15 sec)	ISO 868	conventional unit	35-42
Density	ISO 2781	g/sm³	1,10-1,14
Tensile strength at break	ISO 37	MPa	9 and more
Elongation at break	ISO 37	%	450 and more
Brittleness temperature	ISO P 812	°C	-60
THERMAL			
Maximum operating temperature (shortly)		°C	+90 (+110)
PROCESSING			
Melt flow rate (190 °C; 5 кг)	ISO 1133	g/10 min	50-80
Mold temperature optimal		°C	55
Melt temperature		°C	160-200

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