

**Hytre® DYM500BK**  
(TPC+PBT)-CD

Celanese

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break	26	MPa	ASTM D 638
Elongation at Break	510	%	ASTM D 638
Flexural Modulus	500	MPa	ASTM D 790
Shore D Hardness	55	-	ASTM D 2240
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	N	J/m	ASTM D 256
Temperature	-40	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	55	°C	ASTM D 648
DTUL @ 264 psi	45	°C	ASTM D 648
Melting Temperature	223	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1180	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Black

**Special Characteristics**

High impact or impact modified

**Features**

Creep Resistance

**Chemical Resistance**

Oxidation Resistance

**Applications**

Automotive

**Regional Availability**

Asia Pacific