TDS – DX570M(EW)

Mitsui Chemicals

	List	Unit	DX570M(EW)	Sample
Basic Properties	Density	kg/m^3	860-870	Pellet
	MFR(5kgf, 260°C)	g/10min	90	
	Melting Point	°C	224	
	Water Absorption	%	<0.01	
Thermal Properties	Vicat Softening Temperature	°C	92	Injection specimen
	Heat Distortion Temperature	°C	59	
Mechanical Properties (23°C)	Yield Stress	MPa	13	
	Fractured Strain	%	56	
	Tensile Modulus	MPa	440	
	Flexural Modulus	MPa	420	
	Flexural Strength	MPa	15	
	Izod Impact Strength with Notch	J/m	780*	
	Izod Impact Strength without Notch	kJ/m^2	NB	
	Shore Hardness	--	50	
Electrical Properties	Volume Resitivity	Ω·cm	$>10^{16}$	Imjection plate Thickness:2mm
	Relative Dielectric Constant	—	2.2	
	Dielectric Dissipation Factor	—	0.0006	

* Parrtially Break