

# Zytel® HTN FE250020 NC010 (Cond)

## Polyphthalamide

### DuPont Engineering Polymers



Prospector

#### Product Description

Zytel® HTNFE250020 NC010 is a 30% mineral reinforced, toughened high performance polyamide resin. It is also a PPA resin

#### General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Part Marking Code (ISO 11469)	• >PA6T/XT-IMD30<		
Resin ID (ISO 1043)	• PA6T/XT-IMD30		
Part Marking Code (SAE J1344)	• >PPA-IMD30<		

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	5300	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	94.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	4.0	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m <sup>2</sup>	
23°C	4.0	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	45	kJ/m <sup>2</sup>	
23°C	60	kJ/m <sup>2</sup>	

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

#### Revision History

Document Created: Thursday, July 16, 2009  
Added to Prospector: April, 2009  
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