

**FDA status of N-MXD6**

Reference	Material	Max content, Thickness	Type of Food	Condition of use	Others
21 CFR PARTS 177.1500 (Direct contact)	<b>N-MXD6</b> (CAS No.25718-70-1) and <b>Impact modified N-MXD6</b> 3 -(3-aminopropyl)- omega- (3-amino-propoxy) poly- oxyethylene : not exceed 7wt% (CAS No.59655-05-9)	not exceed 40microns	for use in processing, handling, and packaging of food of types V and IX V : Low-moisture fats and oil IX : Dry solids with the surface containing free fat or oil	C : hot filled or pasteurized above 150°F(66°C) D : hot filled or pasteurized below 150°F(66°C) E : Room temp. filled and stored 1) F : Refrigerated storage 1) G : Frozen storage 1) H : Frozen or refrigerated storage 2) 1): no thermal treatment in the container 2): reheated in the container	
PARTS 177.1500 (Direct contact, modifier of N-6)	<b>Impact modified N-MXD6</b> for use as modifiers in N-6 film	not to exceed 13wt% not exceed 15microns	for packaging, transporting, or holding food excluding beverages containing more than 8vol% alcohol	not to exceed 49°C E, F, G	
PARTS 177.1390 and 177.1500 (nonfood-contact)	<b>Laminate structures</b> (1)Multilayer films and (2)rigid container with PP MXD6: for use only nonfood-contact layers		250°F(121°C) and above food of all type	A:high temp. heat-sterilized B:boiling water sterilized C, D, E, F, G, H	Cyclicmonomer : not more than 0.5 micro-g/in <sup>2</sup>
PARTS 177.1630 (modifier of PET)	<b>N-MXD6</b> as a modifier of PET	not to exceed 30wt% of PET	all types of foods except (a) or (b) (a) more than 8% alcohol (b) those at temperature over 49°C		Chloroform-soluble extractives : not exceed 0.08mg/cm <sup>2</sup> at 24hr/49°C in (a) distilled water (b) n-Heptane (c) 8%ethyl alcohol
no objection letter	<b>PET/N-MXD6 blend bottle</b>	no more than 15wt%	foods containing not more than 8% alcohol	not exceeding 49°C	
no objection letter	<b>PET/N-MXD6 multilayer bottle</b>		(all type of food) (I, II, III, IV-A, V, VI-A,B, VII-A,B, VIII-A, IX)	not exceed 49°C	PET is the food contact surface