

Producer: Repsol / Spain

**ALCUDIA® 5503****Processing :**

Blow Molding

**Features :**

Thermal Stability, Hexene Copolymer

**Chemical Resistance :**

General Chemical Resistance, Environmental Stress Crack Resistance

**Applications:**

Packaging

PROPERTIES	VALUE	UNIT	TEST STANDART
Melt flow index MFI	0,25	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2,16	kg	ISO 1133
<b><u>Mechanical Properties</u></b>			
Stress at break	28	Mpa	ISO 527-1/-2
Strain at break	> 50	%	ISO 527-1/-2
Flexural Modulus (23°C)	1100	Mpa	ISO 178
Shore D hardness (15s)	65	-	ISO 868
<b><u>Thermal Properties</u></b>			
Vicat softening temperature (A)	128	°C	ISO 306
<b><u>Other Properties</u></b>			
Density	955	kg/m <sup>3</sup>	ISO 1183