



TOTAL

COMMITTED TO BETTER ENERGY



ACESO[®] GRADES

For BFS

BLOW-FILL-SEAL

The challenge

Being able to offer a **broad product range** for Blow-Fill-Seal, including different vials requirements (from steam sterilization with PP and HDPE to high softness and easy processing with LDPE) while meeting the **demanding requirements** of the medical industry. (These Aceso[®] grades are compliant to both the European and the US Pharmacopeia).

Total's answer....

Aceso[®] grades for BFS:

Aceso [®]	Nature	Melt Flow Index (g/10 min)*
PPM R020	ZN Random PP (available phthalate-free)	1.8
PPM R021	ZN Random PP (available phthalate-free)	1.8
Lumicene [®] MR10MM0	Metallocene Random PP	10
HDPE 5502 R3	High Density Polyethylene	22
PEM 2408	Low Density Polyethylene	0.8
PEM 2420	Low Density Polyethylene	2.3

* at 230°C - 2.16 kg for PP, 190°C - 21.6 kg for HDPE and 190°C - 2.16 kg for LDPE.

